





**City of Pembroke Pines**  
**Planning & Economic Development Department**  
**601 City Center Way 3<sup>rd</sup> Floor**  
**Pembroke Pines FL, 33025**

## Summary

<b>Agenda Date:</b>	January 23, 2020	<b>Application ID:</b>	MSC 2019-24
<b>Project:</b>	Stand Up MRI	<b>Project Number:</b>	N/A
<b>Project Planner:</b>	Cole Williams, Planner / Zoning Technician		
<b>Owner:</b>	Sheridan Real Estate Group LLC	<b>Agent:</b>	Nelson Fernandez
<b>Location:</b>	16604 Sheridan Street		
<b>Existing Zoning:</b>	C-1 (Commercial)	<b>Existing Land Use:</b>	Residential Flexed to Commercial
<b>Reference Applications:</b>	SP 2016-02, SP 2015-09, SP 2014-03, ZV 2014-02, ZV 2014-01, MSC 2013-23, MSC 2013-11, SP 2012-02, ZC 2012-03, ZC 2012-02, SP 200-09, ZC 2006-05, SUB 2006-02		
<b>Applicant Request:</b>	Site modifications to accommodate mechanical equipment for an MRI facility.		
<b>Staff Recommendation:</b>	<b>Approval</b>		
<b>Final:</b>	<input checked="" type="checkbox"/> Planning & Zoning Board	<input type="checkbox"/> City Commission	
<b>Reviewed for the Agenda:</b>	Director: <u></u> Planning Administrator: <u></u>		

## Project Description / Background

---

Nelson Fernandez, agent, is requesting approval of site modifications to Sheridan Village Commercial located at 16602 Sheridan Street. The changes are the result of a new tenant (Stand Up MRI) which requires additional mechanical equipment (MRI chillers and condensing units) to operate.

Sheridan Village was approved via site plan in 2014 (SP 2014-03) as one multi-tenant building and freestanding PDQ restaurant. In 2015, the site plan was modified via site plan amendment (SP 2015-09) to remove the PDQ, which was replaced with a second multi-tenant building. In 2016, via site plan amendment (SP 2016-02), a two story self-storage addition to building 2 (easternmost building on site) was approved.

### **BUILDINGS / STRUCTURES:**

Stand Up MRI will be located in the easternmost bay of building 2. The following site modifications are proposed to accommodate the new tenant:

- The MRI chillers and condensing units cannot be roof mounted, therefore, two parking spaces to the south of the tenant bay will be converted into an island to house the equipment. The new island will be 15'-8" x 22'-8". The mechanical equipment will be setback 4'-2" from the drive aisle and screened from view by an 8' tall PVC fence painted to match the building. The mechanical equipment will be 7'-4" tall at the highest point.
- Addition of an electrical meter, electrical panel and C/T cabinet on the southern side of the building 2's east elevation. The equipment will be painted to match the building.
- Addition of an FPL transformer in the existing landscape island east of building 2. The transformer will be protected by bollards on all sides.

### **PARKING:**

Currently there are 210 spaces provided on site for both buildings. 204 parking spaces are required based on current uses. If this application is approved, the removal of 2 parking spaces will leave a surplus of 4 spaces within the shopping center.

### **Landscaping:**

To screen the FPL transformer and provide additional screening of the mechanical equipment the applicant is proposing the installation of shrubs consisting of *Clusia guttifera*, *Green Island Ficus*, and *Schefflera Trinetten*.

**Staff has reviewed the proposed changes and find that the proposed changes meet code requirements. Staff therefore recommends approval of this application.**

**Enclosed:** Miscellaneous Plan Application  
Memo from Planning Division (1/14/20)

Memo from Engineering Division (1/13/20)  
Memo from Planning Division (12/24/19)  
Memo from Zoning Administrator (12/24/19)  
Memo from Landscape Division (12/23/19)  
Memo from Landscape Division (11/5/19)  
Memo from Fire Prevention Bureau (11/5/19)  
Memo from Planning Division (11/4/19)  
Memo from Zoning Administrator (11/4/19)  
Miscellaneous Plan  
Site Aerials





# City of Pembroke Pines Planning and Economic Development Department Unified Development Application

Planning and Economic Development  
City Center - Third Floor  
601 City Center Way  
Pembroke Pines, FL 33025  
Phone: (954) 392-2100  
<http://www.ppines.com>

Prior to the submission of this application, the applicant must have a pre-application meeting with Planning Division staff to review the proposed project submittal and processing requirements.

**Received**

Pre Application Meeting Date: \_\_\_\_\_

OCT 21 2019

# Plans for DRC \_\_\_\_\_

Planner: \_\_\_\_\_

Planning & Economic Development

Indicate the type of application you are applying for:

- ☐ Appeal\*
- ☐ Comprehensive Plan Amendment
- ☐ Delegation Request
- ☐ DRI\*
- ☐ DRI Amendment (NOPC)\*
- ☐ Flexibility Allocation
- ☐ Interpretation\*
- ☐ Land Use Plan Map Amendment\*
- ☒ Miscellaneous
- ☐ Plat\*

- ☐ Sign Plan
- ☐ Site Plan\*
- ☐ Site Plan Amendment\*
- ☐ Special Exception\*
- ☐ Variance (Homeowner Residential)
- ☐ Variance (Multifamily, Non-residential)\*
- ☐ Zoning Change (Map or PUD)\*
- ☐ Zoning Change (Text)
- ☐ Zoning Exception\*
- ☐ Deed Restriction

## INSTRUCTIONS:

- All questions must be completed on this application. If not applicable, mark *N/A*.
- Include all submittal requirements / attachments with this application.
- All applicable fees are due when the application is submitted (Fees adjusted annually).
- Include mailing labels of all property owners within a 500 feet radius of affected site with signed affidavit (Applications types marked with \*).
- All plans must be submitted no later than noon on Thursday to be considered for Development Review Committee (DRC) review the following week.
- Adjacent Homeowners Associations need to be noticed after issuance of a project number and a minimum of 30 days before hearing. (Applications types marked with \*).
- The applicant is responsible for addressing staff review comments in a timely manner. Any application which remains inactive for over 6 months will be removed from staff review. A new, updated, application will be required with applicable fees.
- Applicants presenting demonstration boards or architectural renderings to the City Commission must have an electronic copy (PDF) of each board submitted to Planning Division no later than the Monday preceding the meeting.

### Staff Use Only

Project Planner: Cole Project #: PRJ 20\_\_\_\_ - Application #: MSC 2019-24

Date Submitted: 10/21/2019 Posted Signs Required: (\_\_\_\_) Fees: \$ 1,037



**SECTION 1-PROJECT INFORMATION:**Project Name: Stand-up MRI - Sheridan PlazaProject Address: 16604 SHERIDAN ST.Location / Shopping Center: ~~WESTERN~~ EASTERN UNIT (ENDCAP)Acreage of Property: 3.96 Building Square Feet: 49,745

Flexibility Zone: \_\_\_\_\_ Folio Number(s): \_\_\_\_\_

Plat Name: SHERIDAN VILLAGE Traffic Analysis Zone (TAZ): \_\_\_\_\_

Legal Description:

SHERIDAN VILLAGE 179-155 B POR OF PARCEL A,  
DESC AS, BEGGINING AT NE CORNER OF SAID PAR A, S 247.58, W 700.08  
N 247.50, E 693.84 TO POB AKA PAR A-2

Has this project been previously submitted?

Yes

No

Describe previous applications on property (Approved Variances, Deed Restrictions, etc...) Include previous application numbers and any conditions of approval.

Date	Application	Request	Action	Resolution / Ordinance #	Conditions of Approval

**SECTION 2 - APPLICANT / OWNER / AGENT INFORMATION**

Owner's Name: SHERIDAN Real Estate Group LLC

Owner's Address: 2700 DAVIE ROAD

Owner's Email Address: nfernandez@anfgroup.com

Owner's Phone: 954-275-4952 Owner's Fax: 954-693-9901

Agent: NELSON FERNANDEZ

Contact Person: Joyce Zweig

Agent's Address: 11050 wiles rd suite 101

Agent's Email Address: MedconPlusoffice@gmail.com

Agent's Phone: 954-340-3868 Agent's Fax: \_\_\_\_\_

*All staff comments will be sent directly to agent unless otherwise instructed in writing from the owner.*

**SECTION 3- LAND USE AND ZONING INFORMATION:**

**EXISTING**

Zoning: B-2

Land Use / Density: \_\_\_\_\_

Use: \_\_\_\_\_

Plat Name: \_\_\_\_\_

Plat Restrictive Note: \_\_\_\_\_

**PROPOSED**

Zoning: B-2

Land Use / Density: \_\_\_\_\_

Use: \_\_\_\_\_

Plat Name: \_\_\_\_\_

Plat Restrictive Note: \_\_\_\_\_

**ADJACENT ZONING**

North: \_\_\_\_\_

South: \_\_\_\_\_

East: \_\_\_\_\_

West: \_\_\_\_\_

**ADJACENT LAND USE PLAN**

North: \_\_\_\_\_

South: \_\_\_\_\_

East: \_\_\_\_\_

West: \_\_\_\_\_



-This page is for Variance, Zoning Appeal, Interpretation and Land Use applications only-

**SECTION 4 – VARIANCE • ZONING APPEAL • INTERPRETATION ONLY**

Application Type (Circle One): Variance      Zoning Appeal      Interpretation

Related Applications: \_\_\_\_\_

Code Section: \_\_\_\_\_

Required: \_\_\_\_\_

Request: \_\_\_\_\_

Details of Variance, Zoning Appeal, Interpretation Request:

CONVERTING EXISTING AND APPROVED DRIVE-THRU  
LANES TO ACCOMMODATE MECHANICAL EQUIPMENT  
FOR MRI FACILITY. THE AREA WILL BE  
SCREENED WITH FENCING AND LANDSCAPING.

**SECTION 5 - LAND USE PLAN AMENDMENT APPLICATION ONLY**

☐ City Amendment Only

☐ City and County Amendment

Existing City Land Use: \_\_\_\_\_

Requested City Land Use: \_\_\_\_\_

Existing County Land Use: \_\_\_\_\_

Requested County Land Use: \_\_\_\_\_

**SECTION 6 - DESCRIPTION OF PROJECT** (attach additional pages if necessary)

See attached 5 sets  
of proposed plans for  
Exterior Driveway closure



## SECTION 7- PROJECT AUTHORIZATION

### OWNER CERTIFICATION

This is to certify that I am the owner of the property described in this application and that all information supplied herein is true and correct to the best of my knowledge.

Signature of Owner

Date

Sworn and Subscribed before me this 18<sup>th</sup> day  
of October, 20 19

Fee Paid

Signature of Notary Public

My Commission Expires



Josefin Flores  
NOTARY PUBLIC  
STATE OF FLORIDA  
Comm# GG064396  
Expires 3/31/2021

### AGENT CERTIFICATION

This is to certify that I am the agent of the property owner described in this application and that all information supplied herein is true and correct to the best of my knowledge.

Signature of Agent

Date

Sworn and Subscribed before me this \_\_\_\_\_ day  
of \_\_\_\_\_, 20 \_\_\_\_\_

Fee Paid

Signature of Notary Public

My Commission Expires

PLANNING DIVISION STAFF COMMENTS

Memorandum:

Date: January 14, 2019  
To: MSC 2019-24 file  
From: Cole Williams, Planner / Zoning Technician  
Re: Stand-Up MRI

---

Items which do not conform with the City of Pembroke Pines Code of Ordinances or other Governmental Regulations:

**ALL COMMENTS REGARDING THIS APPLICATION HAVE BEEN ADDRESSED**



**CITY OF PEMBROKE PINES  
PUBLIC SERVICES DEPARTMENT  
ENVIRONMENTAL SERVICES/ENGINEERING DIVISION**

# **DRC REVIEW FORM**



**January 13, 2020**

**Project: *SHERIDAN VILLAGE – STAND-UP MRI***  
**City Reference Number: *MSC 2019-24***

**To: Cole Williams, Planner/Zoning Technician**  
**Planning and Economic Development Department**

**From: John L. England, P.E., Assistant City Engineer**  
**Environmental Services/Engineering Division, Public Services Department**  
**(954) 518-9046**

## **COMMENTS/RECOMMENDATIONS:**

The Environmental Services/Engineering Division takes 'No Exception' to the proposed MRI site related modifications and improvements based upon the revised site location and the project is hereby recommended for 'Consideration' by the Planning and Zoning Board.

**NOTE** that an Engineering Construction Permit is required for construction of the proposed project site related modifications and improvements. Submittal of appropriate signed and sealed plans and applicable Plans Review Fees will be required, as a minimum, by the Environmental Services/Engineering Division for acceptance of the proposed project for initiation of the plans review for Engineering Construction Permit.

## PLANNING DIVISION STAFF COMMENTS

### Memorandum:

Date: December 24, 2019  
To: MSC 2019-24 file  
From: Cole Williams, Planner / Zoning Technician  
Re: Stand-Up MRI

---

Items which do not conform with the City of Pembroke Pines Code of Ordinances or other Governmental Regulations:

- ~~1. Consider painting the fence to match the building rather than the building accent.~~
- ~~2. Provide paint chip for color to be used on the fence.~~
- ~~3. Provide height of the equipment within the fence area.~~
- ~~4. Consider a sleeve for the bollards to soften the appearance of them.~~
- ~~5. Contact staff to discuss options for the area north of the enclosed equipment 954-392-2100.~~
- ~~6. Wall mounted equipment must match the building color.~~
- ~~7. Clarify if any other changes will be made to the building or site, for example lighting.~~
- ~~8. Provide landscape mitigation plan for landscape removed for FPL transformer and fence.~~
- ~~9. Provide screening around FPL transformer.~~
10. Resubmittal must include an itemized response to all comments made by DRC members. In your resubmittal you must restate the comment, give an explanation of what you have done to alleviate the comment and show where the comment was addressed on the plans (page number and the details which may help staff identify revisions quickly). The DRC will not review your resubmittal if you fail to provide this response.



MEMORANDUM

December 24, 2019

To: Cole Williams  
Planning/Zoning Technician

From: Dean A. Piper  
Zoning Administrator

Re: MSC 2019-24 (Stand Up MRI @ 16604 Sheridan Street)

---

All of my comments regarding the above Miscellaneous Plan have been satisfied.

MEMORANDUM

December 23, 2019

To: Cole Williams  
Planner & Zoning Specialist

From: Kristen Jensen  
Landscape Planner

Re: (MSC2019-24) Stand Up MRI

---

The City of Pembroke Pines Planning Division has conducted a landscape review for Stand Up MRI. The following items need to be addressed prior to this project being found in compliance:

All landscape comments have been addressed at this time.

Note: A courtesy landscape inspection will take place and if any landscape material is missing these items will need to be addressed.

Plant diversification is important for the project in order to sustain a healthy and vigorous landscape. It is also required that projects utilize best management practices set by Florida Friendly Landscape Standards.

Please contact me with any questions.

Please consider the environment before printing this email.

Kristen Jensen

Landscape Planner/Designer

Planning and Economic Development Division

City of Pembroke Pines

954.392.2107 (Office) • [kjensen@ppines.com](mailto:kjensen@ppines.com)

Please consider the environment before printing this email.

---

# MEMORANDUM

November 5, 2019

To: Cole Williams  
Planner & Zoning Specialist

From: Kristen Jensen  
Landscape Planner

Re: (MSC2019-24) Stand Up MRI

---

The City of Pembroke Pines Planning Division has conducted a landscape review for Stand Up MRI. The following items need to be addressed prior to this project being found in compliance:

1. Provide a disposition plan for the trees and plant material to be removed and a planting plan with the mitigation of the trees removed and landscape to be planted back in the island as per landscape ordinance.
2. Irrigation will be checked at the time of final inspection.

Note: A courtesy landscape inspection will take place and if any landscape material is missing these items will need to be addressed.

Plant diversification is important for the project in order to sustain a healthy and vigorous landscape. It is also required that projects utilize best management practices set by Florida Friendly Landscape Standards.

Please contact me with any questions.

Please consider the environment before printing this email.

Kristen Jensen

Landscape Planner/Designer

Planning and Economic Development Division

City of Pembroke Pines

954.392.2107 (Office) · [kjensen@ppines.com](mailto:kjensen@ppines.com)

Please consider the environment before printing this email.

---



## DRC REVIEW FORM

PEMBROKE PINES FIRE RESCUE  
FIRE PREVENTION BUREAU

FIRE PLANS EXAMINER BY: Daniel Almaguer, Assistant Fire Marshal  
(954) 499-9557

PROJECT NAME: Stand-up MRI, Sheridan Plaza  
REFERENCE #: MSC 2019 - 24  
DATE REVIEWED: 11/05/2019

**CONFORMS TO THE CITY OF PEMBROKE PINES FIRE DEPARTMENT STANDARDS**

---

YOU HAVE SATISFIED THE FIRE DEPARTMENT'S CONCERNS REGARDING THE SITE PLAN REVIEW.

**Note:** No Alterations to Fire Access Lane

## PLANNING DIVISION STAFF COMMENTS

Memorandum:

Date: November 4, 2019  
To: MSC 2019-24 file  
From: Cole Williams, Planner / Zoning Technician  
Re: Stand-Up MRI

---

Items which do not conform with the City of Pembroke Pines Code of Ordinances or other Governmental Regulations:

1. Consider painting the fence to match the building rather than the building accent.
2. Provide paint chip for color to be used on the fence.
3. Provide height of the equipment within the fence area.
4. Consider a sleeve for the bollards to soften the appearance of them.
5. Contact staff to discuss options for the area north of the enclosed equipment 954-392-2100.
6. Wall mounted equipment must match the building color.
7. Clarify if any other changes will be made to the building or site, for example lighting.
8. Provide landscape mitigation plan for landscape removed for FPL transformer and fence.
9. Provide screening around FPL transformer.
10. Resubmittal must include an itemized response to all comments made by DRC members. In your resubmittal you must restate the comment, give an explanation of what you have done to alleviate the comment and show where the comment was addressed on the plans (page number and the details which may help staff identify revisions quickly). The DRC will not review your resubmittal if you fail to provide this response.

## MEMORANDUM

November 4, 2019

To: Cole Williams  
Planning/Zoning Technician

From: Dean A. Piper  
Zoning Administrator

Re: MSC 2019-24 (Stand Up MRI @ 16604 Sheridan Street)

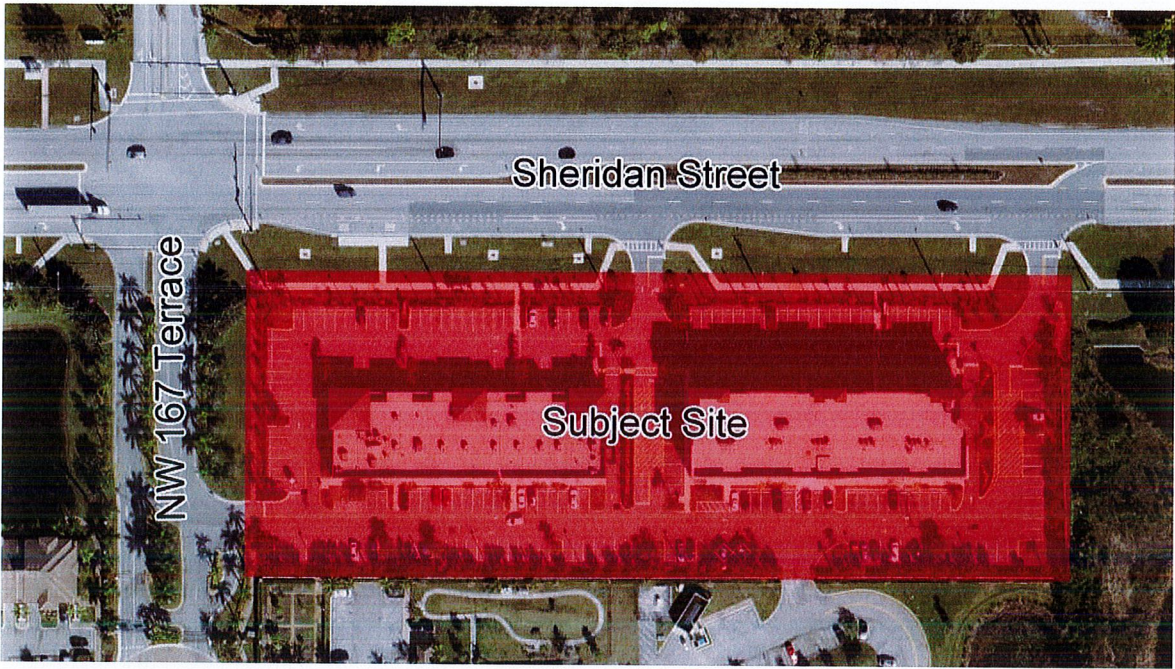
---

The following are my comments regarding the above Miscellaneous Plan:

1. Confirm color as color for fence stated to be DE 5522 "Palm Frond" (#1 Color and Finishes Legend), however, color it is pointing to as a reference on building elevation appears to be SW 7685 "White Raisin" (#3 Color and Finishes Legend).
2. Provide landscape screening around FPL Transformer, not just bollards.
3. Provide details and heights of ALL equipment to be placed within fenced area.
4. Provide finished height of all equipment being installed as Building Code requires some equipment to be installed at Finished Floor Elevation (F.F.E.) of building so some equipment as shown may extend above the proposed 8' fence.
5. Provide note that any wall mounted equipment will be painted to match wall color it is mounted to.
6. Provide partial north and south elevations showing fencing/gates building.
7. Provide new Landscape Plan showing all work being proposed and new landscape layout in island. Note: "Taller" landscaping should be installed along new fence to soften look.

Please contact me with any questions.







DRC SUBMITTAL FOR:  
**STAND-UP MRI SHERIDAN PLAZA**  
16604 SHERIDAN STREET  
PEMBROKE PINES, FL 33028



ARCHITECTURE



THIBEAUX ARCHITECTURE, INC.  
2101 South Andrews Avenue #205  
Fort Lauderdale, FL 33316  
PH: (954) 467-4140  
www.ThibeauxArchitecture.Com

PLBG / MECH / ELEC



BERLIN CONSULTING, INC.  
14701 Rothschild Dr.  
Coral Springs, FL 33067  
PH: (954) 333-8560  
WWW.BERLINCONSULTINGINC.COM

STRUCTURAL CONSULTANT



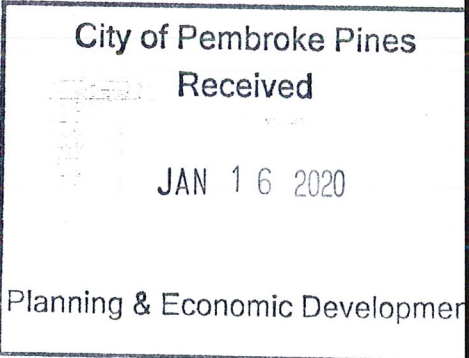
MANUEL E. GARCIA, P.E.  
7410 S. Cypresshead Drive  
Parkland, FL 33067  
PH: (954) 757-6979

LANDSCAPE



Dave Bodker Landscape Arch.  
601 N Congress Ave, Suite 105-A  
Dellray Beach, FL 33445  
PH: (561) 276-6311

		SHEET INDEX		active page	preliminary
				new page	voided page
				page deleted	
		G-100	COVER SHEET		
		DX-110	DEMOLITION PLAN		
		A-110	FLOOR PLAN		
		A-110D	DIMENSIONAL FLOOR PLAN		
		A-114	EQUIPMENT PLAN		
		A-130	ELEVATIONS		
		L-1	IRRIGATION PLAN		
		L-1	PLANTING PLAN		
		L-2	SPECIFICATIONS, DETAILS, AND NOTES		



DRC SUBMITTAL FOR:  
**STAND-UP MRI SHERIDAN PLAZA**  
16604 SHERIDAN STREET  
PEMBROKE PINES, FL 33028

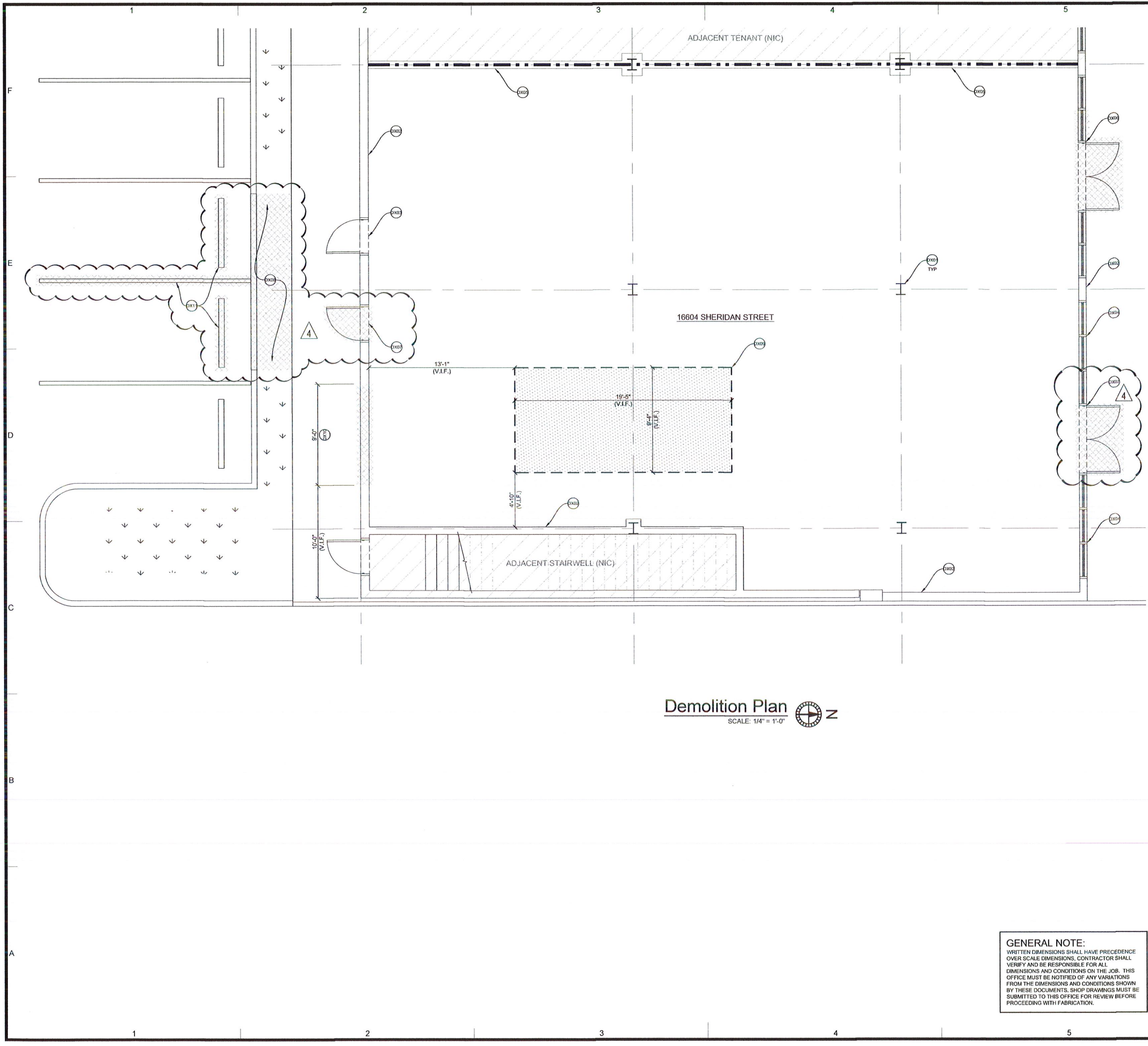
TAI PROJECT  
# 19804

SEAL

G-100



File: J:\JOBS\16604 - 16604 Sheridan Plaza\16604.Dwg\_R4\_Sheridan Plaza MRI\_2020-01-03.dwg  
Saved: 13/2020 5:25 PM  
Plotted: 16/2020 1:26 PM



- DEMOLITION KEY NOTES**
- (E) = EXISTING (DX) = DEMOLITION (N) = NEW  
(RE) = RELOCATED (RR) = REMOVE&REPLACE
- (EX01) (E) STRUCTURAL COLUMN(S) TO REMAIN.
  - (EX02) (E) STRUCTURAL WALL(S) TO REMAIN.
  - (EX03) (E) DOOR(S) TO REMAIN.
  - (EX04) (E) STOREFRONT WINDOW(S) TO REMAIN.
  - (EX05) (E) TENENT SEPARATION WALL - 1HR FIRE RATED.
  - (EX06) (E) STOREFRONT WINDOW AND DOOR(S) TO BE REMOVED FOR MRI EQUIPMENT INSTALLATION AND REINSTALLED AFTER MRI EQUIPMENT INSTALLATION IS COMPLETE.
  - (EX07) (E) DOOR(S) TO BE REMOVED
  - (EX08) AREA OF LANDSCAPING AND CONC. CURB TO BE REMOVED. CONTRACTOR TO VERIFY IN FIELD.
  - (EX09) AREA FOR FUTURE FLOOR STRUCTURAL PLY. SEE STRUCTURAL PLAN(S) AND FONAR SITE SPECIFIC PLANS FOR DETAILS.
  - (EX10) (E) WALL TO BE OPENED TEMPORARILY (9'-0" W x 9'-0" H) FOR INSTALLATION OF MRI EQUIPMENT. WALL TO BE REBUILT AFTER EQUIPMENT INSTALLATION IS COMPLETE.
  - (EX11) PARKING WHEEL STOPS AND STRIPING TO BE REMOVED.

WALL LEGEND	
	(E) WALLS TO REMAIN
	AREA OF DEMOLITION

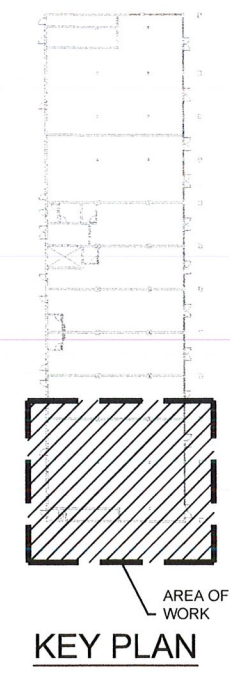
- DEMOLITION NOTE:**
- IF THE DEMOLITION OF ANY NON-STRUCTURAL COMPONENT JEOPARDIZES THE INTEGRITY OF ANY STRUCTURAL COMPONENT, DEMOLITION WORK SHALL STOP IMMEDIATELY.
  - THE CONTRACTOR SHALL FILE AN "RFI" (REQUEST FOR INFORMATION) WITH THE ARCHITECT AND/OR ENGINEER OF RECORD.
  - DEMOLITION SHALL NOT RESUME UNTIL WRITTEN REMEDIAL INSTRUCTIONS ARE PROVIDED.

**ENVIRONMENTAL NOTE:**  
THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL ENVIRONMENTAL ISSUES ASSOCIATED WITH THIS PROJECT.

**NOTE:**  
THIS IS A NON-STRUCTURAL DEMOLITION ONLY

AREA CALCULATION		
Sheridan Plaza MRI	2886	SQ FT

**GENERAL NOTE:**  
WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB. THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DOCUMENTS. SHOP DRAWINGS MUST BE SUBMITTED TO THIS OFFICE FOR REVIEW BEFORE PROCEEDING WITH FABRICATION.



**THIBEAUX ARCHITECTURE**  
THOMAS E. THIBEAUX, R.A.  
REGISTERED ARCHITECT FL-AR0015423  
2101 S ANDREWS AVENUE #205, FORT LAUDERDALE, FL 33316  
PH 9 5 4 - 4 6 7 - 4 1 4 0  
WWW.THIBEAUXARCHITECTURE.COM

TO THE BEST OF MY KNOWLEDGE THE PLANS AND SPECIFICATIONS SUBMITTED HEREWITH COMPLY WITH EXISTING INTERPRETATIONS AND PROVISIONS OF THE APPLICABLE BUILDING CODES. THIS DRAWING IS THE PROPERTY OF THIBEAUX ARCHITECTURE, INC. AND IS AN INSTRUMENT OF SERVICE AND MAY NOT BE REPRODUCED, SCANNED OR REPRODUCED BY ANY OTHER MEANS IN PART OR IN WHOLE WITHOUT EXPRESS WRITTEN PERMISSION OF SAME.  
© THIBEAUX ARCHITECTURE, INC.

SEAL:

REVISIONS:	
NUMBER	DATE
1	2019-09-05
2	2019-10-04
3	2019-11-13
4	2020-01-08

NEW DIAGNOSTIC FACILITY FOR:  
**STAND-UP MRI SHERIDAN PLAZA**  
16604 SHERIDAN STREET  
PEMBROKE PINES, FL 33028

TITLE: Demolition Plan

DRAWN BY:	SS
ISSUE DATE:	2019-05-07
SCALE:	AS NOTED
DESIGN:	TT
REVIEWED:	T. Thibaux
PROJ NO.:	19804
	A16a

SHEET

**DX-110**



J:\JOBS\19804 - 16604 Sheridan Plaza\19804\01b - R4 - Sheridan Plaza MRI\_2020-01-09.dwg  
19/2020 4:06 PM  
11/10/2020 11:19 AM

# KEY PLAN

AREA OF WORK

## Floor Plan

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

### AREA CALCULATION

Sheridan Plaza MRI 2886 SQ FT

#### LEGEND

(E)	EXISTING
(DX)	DEMOLITION
(N)	NEW
(RE)	RELOCATED
(RR)	REMOVE & REPLACE
01	DOOR MARK
AA	WINDOW MARK
101	KEYNOTE MARK
120	DETAIL MARK
1 A-101	SECTION MARK
+96" VAR	CEILING HEIGHT (INCHES AFF) (FINISHED SURFACE OR LOWEST STRUCTURAL MEMBER)
0000	ROOM NUMBER
WD	WALL TYPE (SEE LEGEND)
+36	ELEVATION (ABOVE FINISH FLOOR)
1	REVISION CLOUD w/ TRIANGLE

#### WALL SCHEDULE

MARK	GRAPHIC	THK	DESCRIPTION
W0	SEE PLAN	SEE PLAN	EXISTING WALL(S)
W1	SEE PLAN	SEE PLAN	(E) TENANT SEPARATION WALL(S) (NON-LOAD-BEARING - NLB) (1HR RATED) UP TO UNDERSIDE OF ROOF DECK SEE DETAIL 1 / A-110D
W2	SEE PLAN	4"	INTERIOR PARTITION WALL(S) CEILING HEIGHT (NON-LOAD-BEARING - NLB)
W3	SEE PLAN	SEE PLAN	MRI SHIELDING WALL(S) (NON-LOAD-BEARING - NLB) SEE SHOP DRAWINGS
W4	SEE PLAN	6" MIN	INTERIOR PARTITION WALL(S) PLUMBING WALL (NON-LOAD-BEARING - NLB)
W5	SEE PLAN	8"	(N) EXTERIOR CMU INFILL WALL
W6	SEE PLAN	6"	(N) 2'-0" 6x8x16 CMU WALL w/ CONC. CAP AND 6" WOOD STUD PARTITION WALL(S) (NLB)

#### PLAN KEY NOTES

(E) = EXISTING (DX) = DEMOLITION (N) = NEW  
(RE) = RELOCATED (RR) = REMOVE & REPLACE

- (E) TENANT SEPARATION WALL - 1HR FIRE RATED
- (E) STRUCTURAL COLUMN(S)
- (E) EXTERIOR WALL(S)
- (E) DOOR(S)
- (E) DOOR TO REMAIN CLOSED AND LOCKED - NOT USED
- (E) STOREFRONT WINDOW(S)
- (E) STOREFRONT DOOR (1) LEAF TO REMAIN CLOSED AND LOCKED
- (E) STOREFRONT DOOR LEAF TO REMAIN CLOSED
- (E) STOREFRONT DOORS TO REMAIN LOCKED - NOT USED
- (RR) STOREFRONT DOOR AND WINDOW AFTER DELIVERY AND INSTALLATION OF MRI EQUIPMENT
- (E) COVERED CONC. WALKWAY
- (E) CONC. CURB
- (E) ASPHALT DRIVEWAY
- (E) LANDSCAPING
- (N) WALL(S) - SEE SCHEDULE
- (N) HEADER(S)
- (N) MRI EQUIPMENT - SEE EQUIPMENT PLAN(S)
- (N) CABINETRY / CASEWORK
- (N) PLUMBING FIXTURE(S)
- (N) ELECTRICAL PANEL(S) - SEE ELECTRICAL PLANS
- (N) DOOR(S) - SEE SCHEDULE
- (N) WINDOW(S) - SEE SCHEDULE
- (N) ADA COMPLIANT DRINKING FOUNTAIN(S)
- (N) MRI CHILLER(S) - SEE MECHANICAL
- (N) ELECTRICAL EQUIPMENT - FPL TRANSFORMER - SEE ELECTRICAL PLANS
- (N) 8'-0" TALL MECHANICAL EQUIPMENT FENCING w/ 8'-0" GATE - SEE NOA - 14,1209.01
- (N) BOLLARDS (PERMANENT) - SEE DETAILS 8 / A-310 (USE BOLLARD SLEEVES IF APPLICABLE)
- (N) 6" CONC. PAD ON COMPACTED SOIL FOR ELECTRICAL EQUIPMENT
- (N) ROD AND CURTAIN
- (N) SOFFIT(S)
- (N) FONAR PIT - SEE STRUCTURAL DRAWINGS
- (N) THICKENED SLAB FOR MRI EQUIPMENT - SEE STRUCTURAL DRAWINGS
- (N) CMU INFILL WALL - SEE DETAIL 6 / S-122
- (N) CONDENSING UNITS - SEE MECHANICAL PLANS
- (N) WALL MOUNTED ELECTRICAL EQUIPMENT - SEE ELECTRICAL PLANS
- (N) 2'-0" TALL 6x8x16 CMU FLOOD WALL w/ 6x8x16 CMU CAP WITH (1) #4 HORIZONTAL DOWEL CAP INTO 6 x 6 STARTER COLUMN.
- (N) 2'-0" TALL FLOOD PANEL OVER OPENING
- (N) 6 x 6 CONC. STARTER COLUMN w/ (1) #4 VERT. AND DOWELED INTO TILT-UP WALL(S)
- (2) FILLED CELLS AT EACH END OF OPENING
- FILLED CELLS w/ (1) #4 VERT AT 48" O.C. MAX
- (E) PORTION OF LANDSCAPING TO BE REMOVED FOR MECHANICAL EQUIPMENT CONC. SLAB. ELEVATION TO BE LEVEL WITH (E) SIDEWALK AND INTERIOR SPACE.
- (N) MECHANICAL EQUIPMENT CONC. SLAB. ELEVATION TO BE LEVEL WITH (E) SIDEWALK AND INTERIOR SPACE.
- (N) LANDSCAPE BUFFER w/ 6" CONC. CURB.
- (N) STOREFRONT WINDOW(S) - SEE SCHEDULE
- WINDOWS TO HAVE BLACKOUT FILM APPLIED.
- FUTURE FONAR MACHINE AND CHILLER - UNDER SEPARATE PERMIT
- DRAIN BASIN IN BOT. OF FONAR PIT WITH PVC PIPING TO SUMP PUMP FOR FLOOD WATER ABATEMENT
- SUMP PUMP

#### GENERAL NOTE:

WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB. THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DOCUMENTS. SHOP DRAWINGS MUST BE SUBMITTED TO THIS OFFICE FOR REVIEW BEFORE PROCEEDING WITH FABRICATION.

**THIBEAUX**  
ARCHITECTURE  
THOMAS E. THIBEAUX, R.A.  
REGISTERED ARCHITECT FL-AR0015423  
2101 S ANDREWS AVENUE #205 FORT LAUDERDALE, FL 33316  
PH 9 5 4 - 4 6 7 - 4 1 0  
WWW.THIBEAUXARCHITECTURE.COM

TO THE BEST OF MY KNOWLEDGE THE PLANS AND SPECIFICATIONS SUBMITTED HERewith COMPLY WITH EXISTING INTERPRETATIONS AND PROVISIONS OF THE APPLICABLE BUILDING CODES. THIS DRAWING IS THE PROPERTY OF THIBEAUX ARCHITECTURE, INC. AND IS AN INSTRUMENT OF SERVICE AND MAY NOT BE REPRODUCED, SCANNED OR REPRODUCED BY ANY OTHER MEANS IN PART OR IN WHOLE WITHOUT EXPRESS WRITTEN PERMISSION OF SAME. © THIBEAUX ARCHITECTURE, INC.

SEAL:

#### REVISIONS:

NUMBER	DATE
1	2019-09-05
2	2019-10-04
3	2019-11-13
4	2020-01-08

NEW DIAGNOSTIC FACILITY FOR:  
**STAND-UP MRI SHERIDAN PLAZA**  
16604 SHERIDAN STREET  
PEMBROKE PINES, FL 33028

Floor Plan

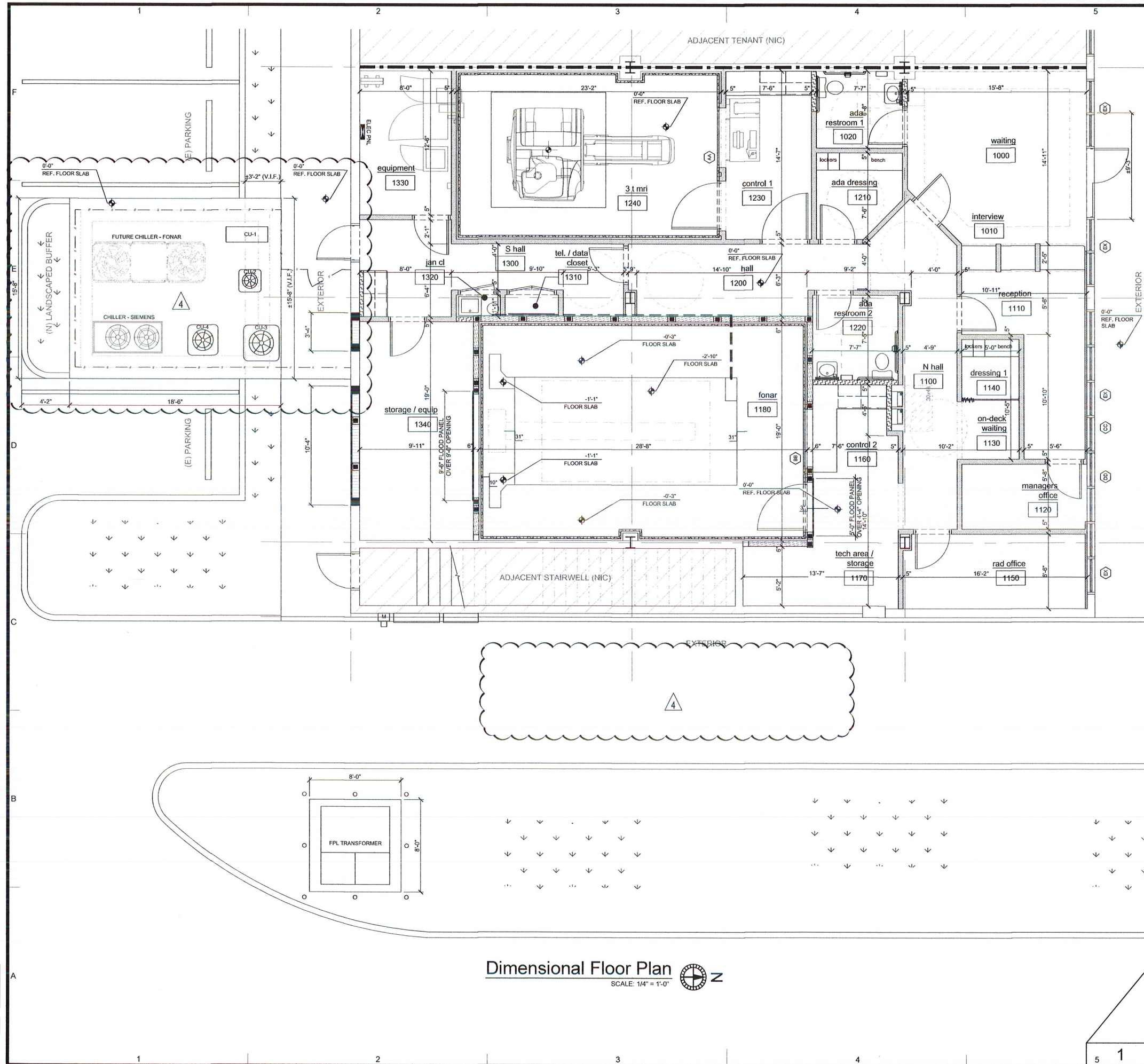
DRAWN BY: SS  
ISSUE DATE: 2019-05-07  
SCALE: AS NOTED  
DESIGN: TT  
REVIEWED: T. Thibaux  
PROJ NO.: 19804 A16a

SHEET

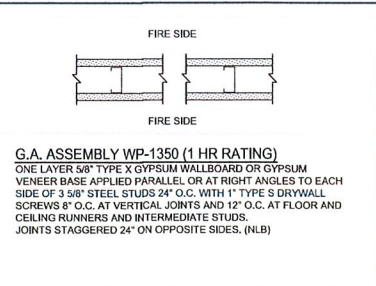
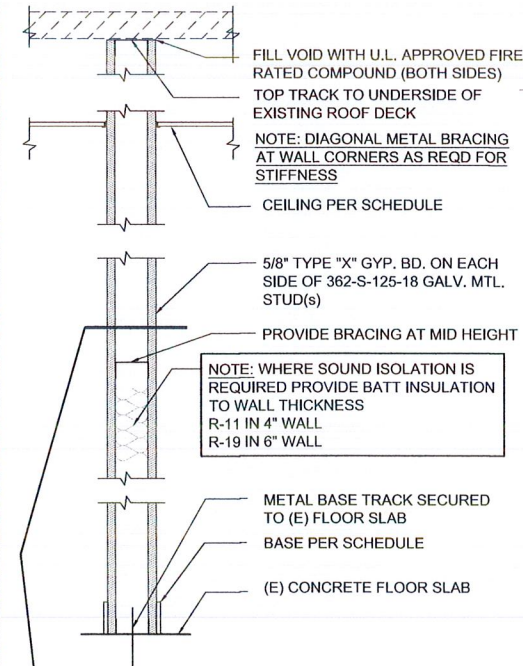
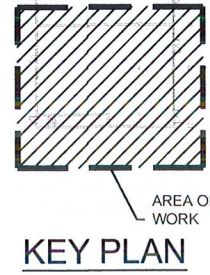
A-110



FILE: J:\JOBS\19804 - 16604 Sheridan Plaza\19804-16604 Sheridan Plaza MFR\_2020-01-08.dwg  
SHEET: 1/8/2020 2:50 PM  
PLOT: 1/8/2020 4:43 PM



Dimensional Floor Plan  
SCALE: 1/4" = 1'-0"



**THIBEAUX**  
ARCHITECTURE  
THOMAS E. THIBEAUX, R.A.  
REGISTERED ARCHITECT FL-AR015423  
2101 S ANDREWS AVENUE #205 FORT LAUDERDALE, FL 33316  
PH 954-467-4140  
WWW.THIBEAUXARCHITECTURE.COM

TO THE BEST OF MY KNOWLEDGE  
THE PLANS AND SPECIFICATIONS  
SUBMITTED HERewith COMPLY  
WITH EXISTING INTERPRETATIONS  
AND PROVISIONS OF THE  
APPLICABLE BUILDING CODES. THIS  
DRAWING IS THE PROPERTY OF  
THIBEAUX ARCHITECTURE, INC. AND  
IS AN INSTRUMENT OF SERVICE  
AND MAY NOT BE REPRODUCED,  
SCANNED OR REPRODUCED BY ANY  
OTHER MEANS IN PART OR IN  
WHOLE WITHOUT EXPRESS  
WRITTEN PERMISSION OF SAME.  
© THIBEAUX ARCHITECTURE, INC.

SEAL:

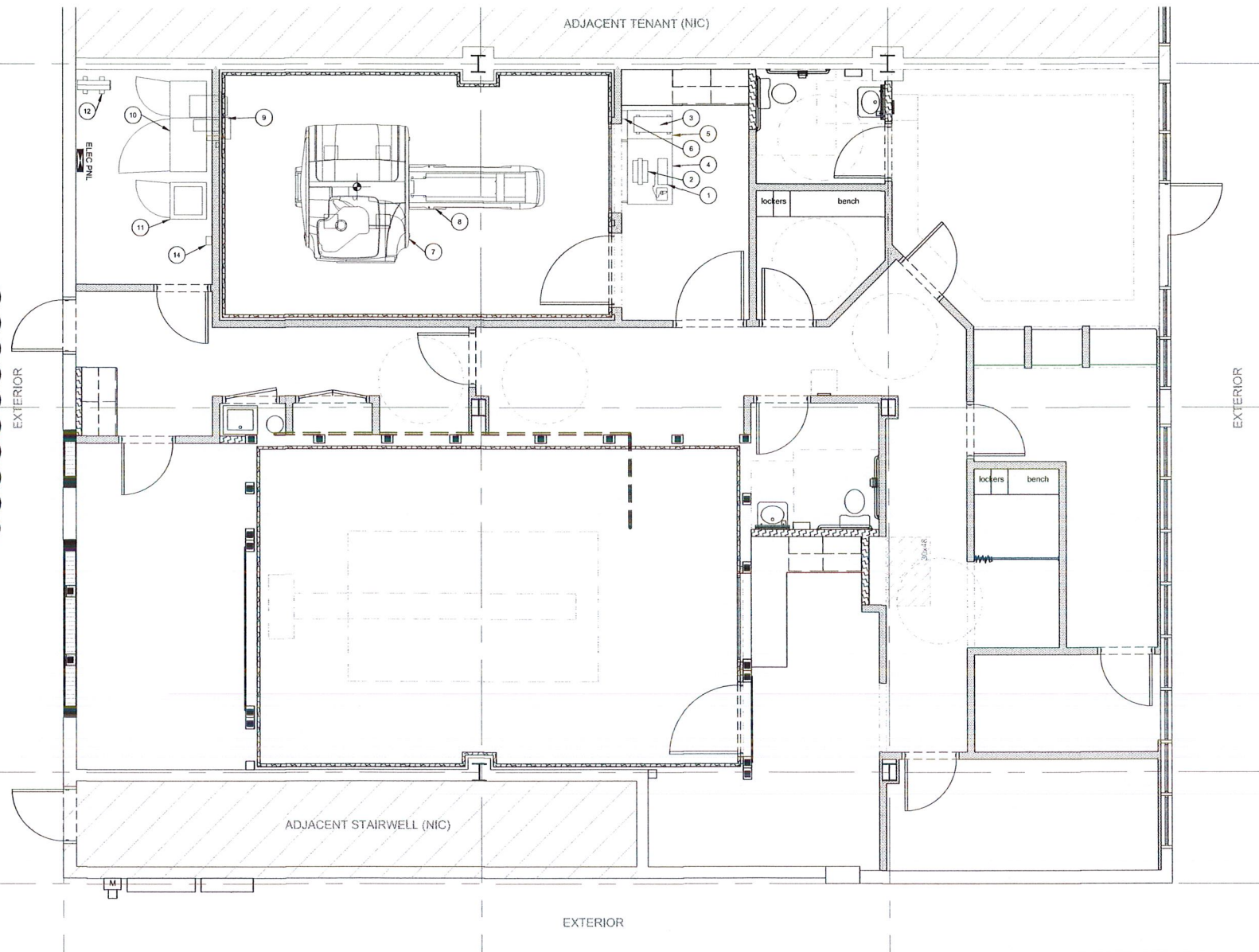
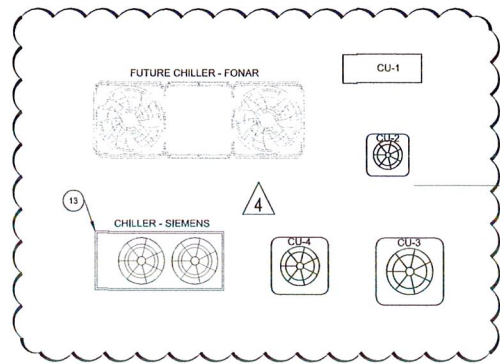
NUMBER	DATE
1	2019-09-05
2	2019-10-04
3	2019-11-13
4	2020-01-08

NEW DIAGNOSTIC FACILITY FOR:  
**STAND-UP MRI SHERIDAN PLAZA**  
16604 SHERIDAN STREET  
PEMBROKE PINES, FL 33028  
TITLE: Dimensional Floor Plan

DRAWN BY:	SS
ISSUE DATE:	2019-05-07
SCALE:	AS NOTED
DESIGN:	TT
REVIEWED:	T. Thibaux
PROJ NO.:	19804 A16a

SHEET  
**A-110D**





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

NOTE:  
CONTROL OF RADIATION HAZARDS SHALL COMPLY  
WITH FBC 2010, SECTION 435.1.

NOTE:  
MRI ROOM INSULATION TO GO FROM FLOOR TO  
CEILING. SEE DETAIL 4 / A-310.

SEE SIEMENS SHOP DRAWINGS FOR MORE DETAILS  
AND INFORMATION REGARDING EQUIPMENT  
PLACEMENT AND SPECIFICATIONS.

EQUIPMENT SCHEDULE  
SIEMENS MAGNETOM LUMINA

ITEM	QTY.	ITEM DESCRIPTION (INSTALLED BY SIEMENS) NOTE: NOT ALL ITEMS SHOWN	WEIGHT (LBS)	BTU/HR
1	1	MRC KEYBOARD	5	--
2	1	COLOR MONITOR FOR MRC	22	239
3	1	HOST PC MRC	49	2390
4	1	MRC OPERATING CONSOLE TABLE	132	--
5	1	CONTAINER FOR HOST PC 500	238	--
6	1	ALARM BOX	2	--
7	1	LUMINA MAGNET IN OPERATION	16204	9383
8	1	PATIENT TABLE (FIXED)	529	--
9	1	RF - FILTER PLATE	285	853
10	1	ELECTRONICS CABINET (GPA / EPC CABINET)	3638	<3412
11	1	SEP CABINET	701	<3412
12	1	LIEBERT GXT4 UPS WITH BATTERY	164	1121
13	1	DIMPLEX WATER CHILLER (60kW)	4300	--
14	1	DIMPLEX STATUS PANEL	--	3

TO THE BEST OF MY KNOWLEDGE  
THE PLANS AND SPECIFICATIONS  
SUBMITTED HEREWITH COMPLY  
WITH EXISTING INTERPRETATIONS  
AND PROVISIONS OF THE  
APPLICABLE BUILDING CODES. THIS  
DRAWING IS THE PROPERTY OF  
THIBEAUX ARCHITECTURE, INC. AND  
IS AN INSTRUMENT OF SERVICE  
AND MAY NOT BE REPRODUCED,  
SCANNED OR REPRODUCED BY ANY  
OTHER MEANS IN PART OR IN  
WHOLE WITHOUT EXPRESS  
WRITTEN PERMISSION OF SAME.  
© THIBEAUX ARCHITECTURE, INC.

SEAL:

NUMBER	DATE
1	2019-09-05
2	2019-10-04
3	2019-11-13
4	2020-01-08

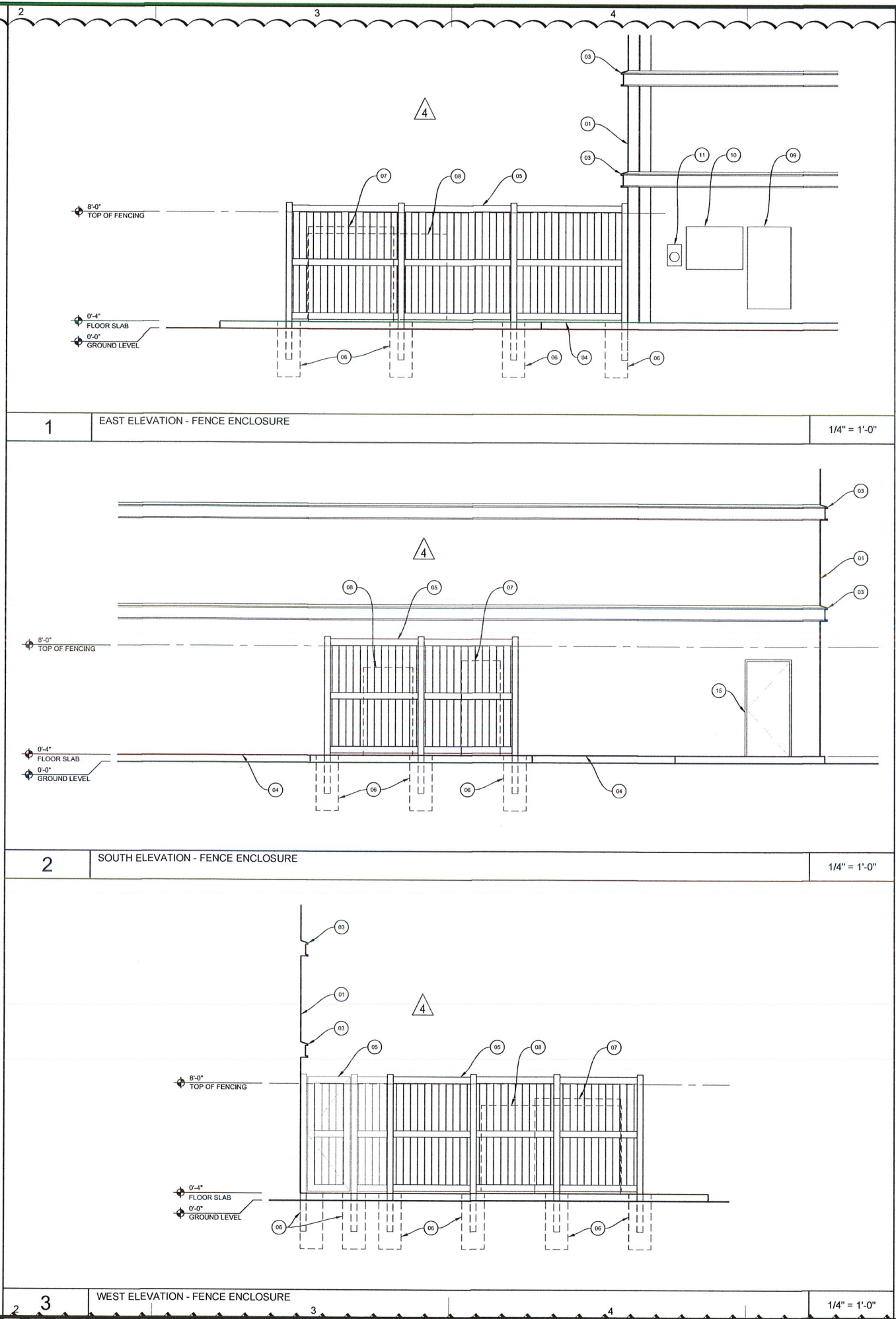
NEW DIAGNOSTIC FACILITY FOR:  
**STAND-UP MRI SHERIDAN PLAZA**  
16604 SHERIDAN STREET  
PEMBROKE PINES, FL 33028

DRAWN BY: SS  
ISSUE DATE: 2019-05-07  
SCALE: AS NOTED  
DESIGN: TT  
REVIEWED: T. Thibaux  
PROJ NO.: 19804 A16a

SHEET  
**A-114**

TITLE:  
Equipment Plan





ELEVATION KEY NOTES

(E) = EXISTING (DX) = DEMOLITION (N) = NEW  
(RE) = RELOCATED (RR) = REMOVE&REPLACE

01 (E) THREE STORY BUILDING  
COLOR: SW 7685 WHITE RAISIN ON END  
SECTIONS  
COLOR: SW 6368 BAKELITE GOLD ON  
MIDDLE SECTION

02 (E) COLUMN AND GLASSING  
COLOR: SW 7685 WHITE RAISIN -- NOT USED --

03 (E) STUCCO BAND(S)  
COLOR: DE 5522 PALM FROND

04 (E) SIDEWALK(S)

05 (N) 8'-0" TALL MECHANICAL EQUIPMENT FENCING  
w/ 8'-0" GATE INSTALLED BY OTHERS UNDER  
SEPARATE PERMIT.  
SEE NOA - 14.1209.01  
COLOR: SW 7685 WHITE RAISIN (TO MATCH  
EXISTING WALL COLOR)

06 (N) FOOTINGS FOR FENCE ENCLOSURE (TYP)

07 OUTLINE OF CHILLER FOR MRI  
HEIGHT: 6'-9" (7'-2" ON CONC. PAD)

08 OUTLINE OF CHILLER FOR FUTURE FOMAR  
HEIGHT: 7'-4" (7'-10" ON CONC. PAD)

09 (N) ELECTRICAL PANEL FOR MRI, PAINT TO MATCH  
WALL (SW 7685 WHITE RAISIN)

10 (N) C/T CABINET FOR MRI, PAINT TO MATCH  
WALL (SW 7685 WHITE RAISIN)

11 (N) ELECTRICAL METER FOR MRI, PAINT TO  
MATCH WALL (SW 7685 WHITE RAISIN)

12 (E) STOREFRONT -- NOT USED --

13 (N) TRANSFORMERS - SEE LANDSCAPE  
PLAN(S) FOR SCREENING -- NOT USED --

14 (N) BOLLARDS -- NOT USED --

15 (E) REAR EGRESS DOOR

SEAL:

NUMBER	DATE
1	2019-09-05
2	2019-10-04
3	2019-11-13
4	2020-01-08

NEW DIAGNOSTIC FACILITY FOR:  
STAND-UP MRI SHERIDAN PLAZA  
16604 SHERIDAN STREET  
PEMBROKE PINES, FL 33028

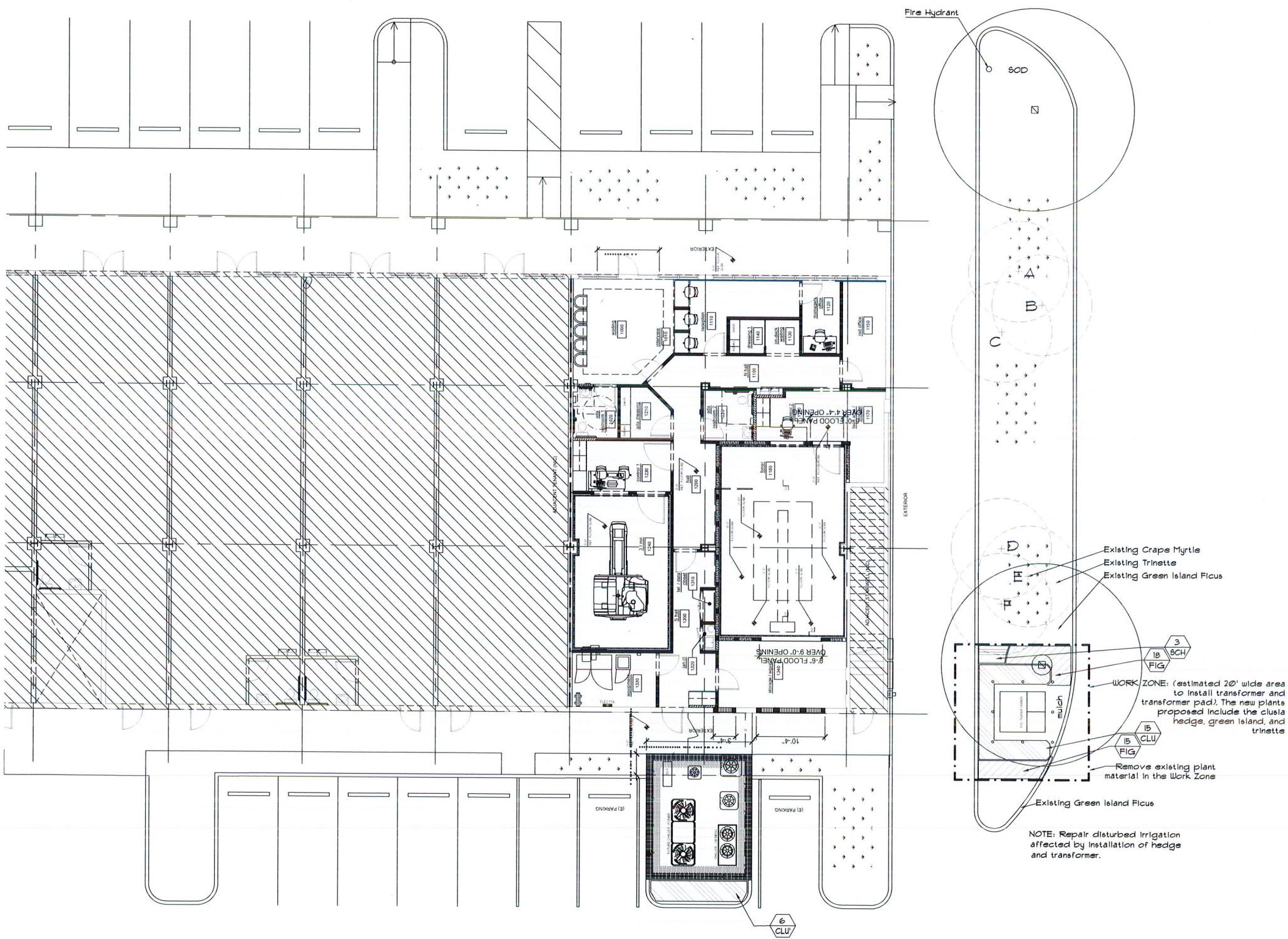
TITLE  
Elevations

DRAWN BY:	SS
ISSUE DATE:	2019-05-07
SCALE:	AS NOTED
DESIGN:	TT
REVIEWED:	T. Thibaux
PROJ NO.:	19804 A16a

SHEET

A-130



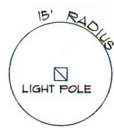


## EXISTING TREE LIST

SYM	TREE TYPE	DESCRIPTION	STATUS
A	Lagerstroemia indica/Crape Myrtle	14' ht. x 12" spr., multi trunk	remain
B	Lagerstroemia indica/Crape Myrtle	14' ht. x 12" spr., multi trunk	remain
C	Lagerstroemia indica/Crape Myrtle	14' ht. x 12" spr., multi trunk	remain
D	Lagerstroemia indica/Crape Myrtle	14' ht. x 12" spr., multi trunk	remain
E	Lagerstroemia indica/Crape Myrtle	14' ht. x 12" spr., multi trunk	remain
F	Lagerstroemia indica/Crape Myrtle	14' ht. x 12" spr., multi trunk	remain

## PLANT LIST

SYM	BOTANICAL/COMMON NAME	SPECIFICATIONS	QTY
CLU	Clusia guttifera Clusia	5' ht. x 24" spr., 24" o.c.	15
CLU'	Clusia guttifera Clusia	8' ht. x 36" spr., 30" o.c.	6
FIG	Ficus microcarpa Green Island Ficus	10" ht. x 10" spr., 18" o.c.	33
SCH	Schefflera arboricola 'Trinette' Trinette	24" ht. x 18" spr., 24" o.c.	33



project:  
**stand up**  
**mri**  
pembroke pines, fl

**dave bodker**  
landscape architecture/planning inc.  
601 n. congress ave., suite 105-a  
delray beach, florida 33445  
561-276-6311

#LA0000999  
sheet title:  
**planting**  
**plan**

project number:  
13019  
date: 11/25/2019  
scale: n.t.s.  
drawn by: lmb

revisions:  
1/17/2020  
1/17/2020  
1/17/2020  
1/17/2020  
1/17/2020

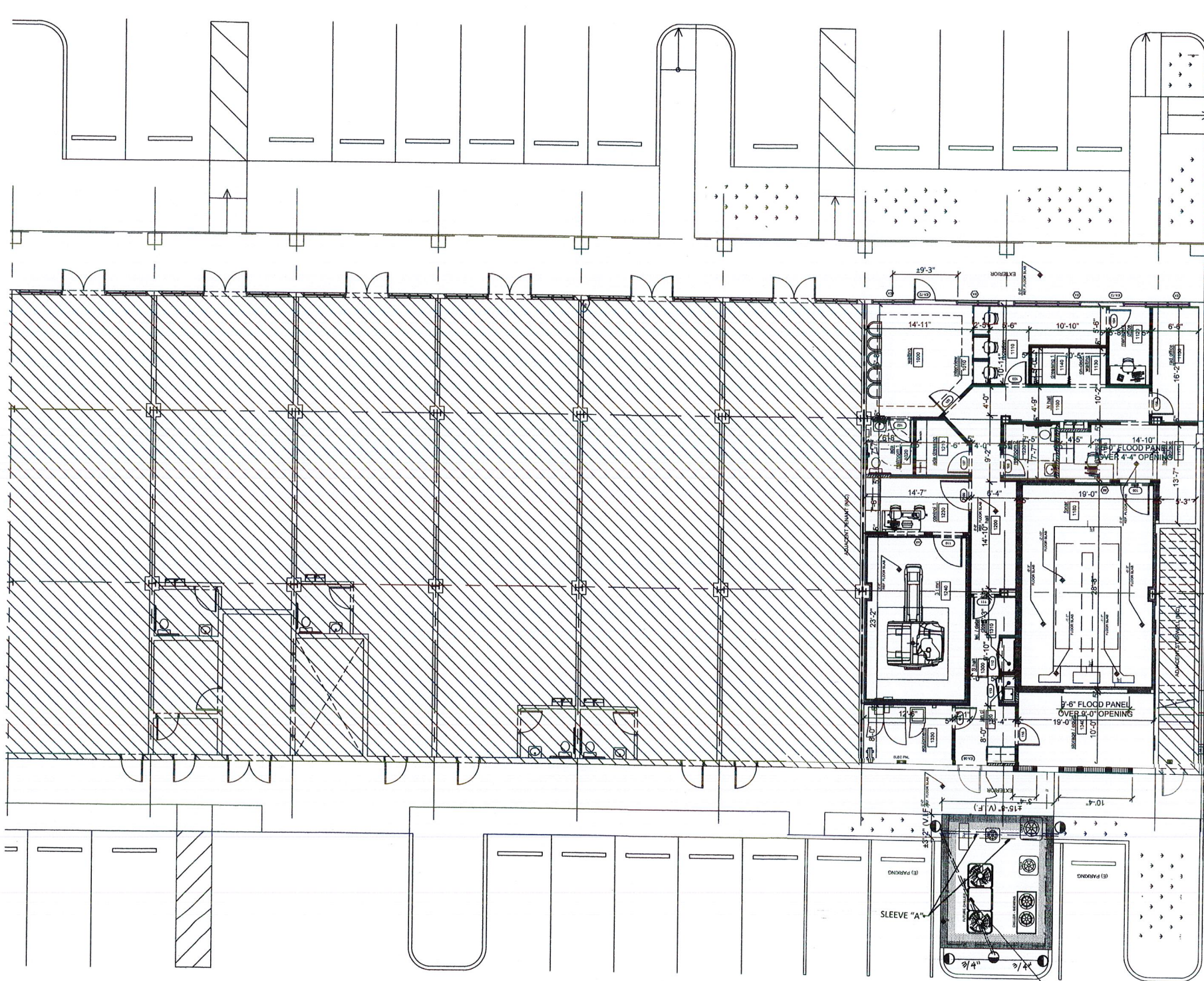
sheet:  
**L-1**  
1 of 2 sheets





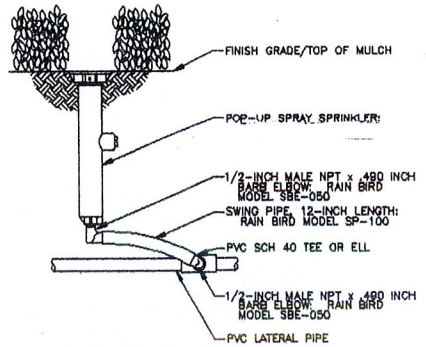
<p><b>Applicable Documents</b></p> <p>A. These Specifications and the requirements hereinafter will govern this project during the installation, guarantee and maintenance period.</p> <p><b>Scope of Work</b></p> <p>A. The work specified by this section of the Specifications and the Plans created by the Contractor shall include, but not be limited to, the following: all labor, materials, equipment, tools, apparatus, means of transportation, supplies, equipment, materials, services and incidentals necessary to complete the work as indicated on the Plans and in the Specifications, as well as all other related responsibilities, including all change and repairs incident thereto.</p> <p>B. The work shall include, but not be limited to, furnishing material root pruning where required, ligula, protection to the public, excavation, installation, backfilling, grading, fertilizing, watering, staking and staking where required, watering, pruning where required, and installation, seedling, cleanup, maintenance and guarantee.</p> <p>C. Quantities and Location. The Landscape Architect reserves the right to adjust the numbers and locations of the designated ligula and species to be used at any of the locations shown in order to provide for any modifications which might be necessary.</p> <p>D. Investigation of Subsurface Conditions. The Contractor will be responsible for making the subsurface investigations and excavation as he or she deems in order to become familiar with the character of the existing material and the construction conditions under which he or she will work. These subsurface investigations and excavations shall be included in the bid. The Contractor shall not receive separate, additional compensation for this work.</p> <p>E. The Landscape Architect shall be paid for only those units that are installed at the time of request for payment. The contractor unit prices will be the basis for bid payment. The final amount of payment will be the total cost of the contract depending on the number of units installed.</p> <p>F. Ten percent (10%) of the total contract price will be held as retainer for 60 days after final written acceptance.</p> <p>G. The Landscape Architect will coordinate the work with all other trades at the job site.</p> <p><b>Planting Methods</b></p> <p>(1) <b>Plant</b> front facing shall be set forth in the latest edition of the Florida Department of Agriculture's "Grades and Standards for Nursery Plants", which shall be the option of the Contractor. The Landscape Architect shall be the basis for the Contractor's work. The Contractor may retain the plant after the event. This stipulation will not affect the guarantee or represent an additional cost to the Contractor.</p> <p>(2) To reduce insect damage, plants from trees planted by non-tree men should be sprayed with insecticide.</p> <p>(3) <b>Palms</b> with mechanical damage, such as from cables, chains, equipment and nails, shall be rejected.</p> <p>(4) <b>Chlorophyll</b>. The chlorophyll level of Chlorophyll in foliage shall be set forth in the latest edition of the Florida Department of Agriculture's "Grades and Standards for Nursery Plants".</p> <p>(5) <b>Plant material</b> shall not be accepted when the soil of earth surrounding its roots has been cracked, broken or otherwise damaged.</p> <p>(6) <b>Root pruning</b> of plant material when necessary shall be done a minimum of 4 weeks, or for a period as determined by the Landscape Architect, prior to planting at the project.</p> <p><b>Soil</b></p> <p>A. Soil shall be solid soil and shall be standard quality grade. Notes: Quality grade shall be based on the standards of and quality grades (premium, standard or commercial) as established by the Turfgrass Production Association of Florida Inc. The soil shall be set within 12 inches and of the top layer having a compact top growth and heavy root development. Soil shall be free of objectionable grass and broad leaf weeds. Soil shall not accept any form of chemical or fertilizer. Soil sections shall be strong enough to support when matured vertically from a 1/4 inch grain on the upper 1/4 inch of the section. Soil shall be free of any other material, such as stones, twigs, etc., which may be detrimental to the plant. Soil shall be provided in commercial plant cases measuring not less than 12 inches by 14 inches and shall be free, fresh and unbroken at the time of placement. It shall be placed and watered 48 hours after being out and shall be shaded and kept moist from the time it is set until it is planted.</p> <p><b>Removal of Plant Material</b></p> <p>(1) All plant material to be removed shall be removed completely, including the rootball, from the job as directed by the Landscape Architect. The remaining hole shall be filled with suitable material or planting soil as directed by the Landscape Architect.</p> <p><b>Replanting Plant Material to be Relocated</b></p> <p>(1) All existing plant material to be relocated shall be rooted a minimum of 90 days or for a period as determined by the Landscape Architect prior to relocation.</p> <p>(2) <b>Rootball Requirements</b> for the measurement of stem rootball diameter and depth shall comply with requirements as set forth in the latest edition of the Florida Department of Agriculture's "Grades and Standards for Nursery Plants, Part I and Part II", as follows:</p> <table border="1"> <thead> <tr> <th>CALIPER</th> <th>HN BALL DIA.</th> <th>HN BALL DEPTH</th> </tr> </thead> <tbody> <tr> <td>1 - 1 1/2"</td> <td>3/4"</td> <td>75% of dia.</td> </tr> <tr> <td>1 1/2 - 1 3/4"</td> <td>3/4"</td> <td>65% of dia.</td> </tr> <tr> <td>1 3/4 - 2"</td> <td>3/4"</td> <td>55% of dia.</td> </tr> <tr> <td>2 - 2 1/4"</td> <td>3/4"</td> <td>45% of dia.</td> </tr> <tr> <td>2 1/4 - 2 3/4"</td> <td>3/4"</td> <td>35% of dia.</td> </tr> <tr> <td>2 3/4 - 3"</td> <td>3/4"</td> <td>25% of dia.</td> </tr> <tr> <td>3 - 3 1/4"</td> <td>3/4"</td> <td>15% of dia.</td> </tr> <tr> <td>3 1/4 - 3 1/2"</td> <td>3/4"</td> <td>10% of dia.</td> </tr> <tr> <td>3 1/2 - 3 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>3 3/4 - 4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>4 - 4 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>4 1/4 - 4 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>4 1/2 - 4 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>4 3/4 - 5"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>5 - 5 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>5 1/4 - 5 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>5 1/2 - 5 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>5 3/4 - 6"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>6 - 6 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>6 1/4 - 6 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>6 1/2 - 6 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>6 3/4 - 7"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>7 - 7 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>7 1/4 - 7 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>7 1/2 - 7 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>7 3/4 - 8"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>8 - 8 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>8 1/4 - 8 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>8 1/2 - 8 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>8 3/4 - 9"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>9 - 9 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>9 1/4 - 9 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>9 1/2 - 9 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>9 3/4 - 10"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>10 - 10 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>10 1/4 - 10 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>10 1/2 - 10 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>10 3/4 - 11"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>11 - 11 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>11 1/4 - 11 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>11 1/2 - 11 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>11 3/4 - 12"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>12 - 12 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>12 1/4 - 12 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>12 1/2 - 12 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>12 3/4 - 13"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>13 - 13 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>13 1/4 - 13 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>13 1/2 - 13 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>13 3/4 - 14"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>14 - 14 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>14 1/4 - 14 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>14 1/2 - 14 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>14 3/4 - 15"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>15 - 15 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>15 1/4 - 15 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>15 1/2 - 15 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>15 3/4 - 16"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>16 - 16 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>16 1/4 - 16 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>16 1/2 - 16 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>16 3/4 - 17"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>17 - 17 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>17 1/4 - 17 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>17 1/2 - 17 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>17 3/4 - 18"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>18 - 18 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>18 1/4 - 18 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>18 1/2 - 18 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>18 3/4 - 19"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>19 - 19 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>19 1/4 - 19 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>19 1/2 - 19 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>19 3/4 - 20"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>20 - 20 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>20 1/4 - 20 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>20 1/2 - 20 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>20 3/4 - 21"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>21 - 21 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>21 1/4 - 21 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>21 1/2 - 21 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>21 3/4 - 22"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>22 - 22 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>22 1/4 - 22 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>22 1/2 - 22 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>22 3/4 - 23"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>23 - 23 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>23 1/4 - 23 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>23 1/2 - 23 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>23 3/4 - 24"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>24 - 24 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>24 1/4 - 24 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>24 1/2 - 24 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>24 3/4 - 25"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>25 - 25 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>25 1/4 - 25 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>25 1/2 - 25 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>25 3/4 - 26"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>26 - 26 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>26 1/4 - 26 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>26 1/2 - 26 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>26 3/4 - 27"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>27 - 27 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>27 1/4 - 27 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>27 1/2 - 27 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>27 3/4 - 28"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>28 - 28 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>28 1/4 - 28 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>28 1/2 - 28 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>28 3/4 - 29"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>29 - 29 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>29 1/4 - 29 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>29 1/2 - 29 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>29 3/4 - 30"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>30 - 30 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>30 1/4 - 30 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>30 1/2 - 30 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>30 3/4 - 31"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>31 - 31 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>31 1/4 - 31 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>31 1/2 - 31 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>31 3/4 - 32"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>32 - 32 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>32 1/4 - 32 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>32 1/2 - 32 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>32 3/4 - 33"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>33 - 33 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>33 1/4 - 33 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>33 1/2 - 33 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>33 3/4 - 34"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>34 - 34 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>34 1/4 - 34 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>34 1/2 - 34 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>34 3/4 - 35"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>35 - 35 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>35 1/4 - 35 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>35 1/2 - 35 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>35 3/4 - 36"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>36 - 36 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>36 1/4 - 36 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>36 1/2 - 36 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>36 3/4 - 37"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>37 - 37 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>37 1/4 - 37 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>37 1/2 - 37 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>37 3/4 - 38"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>38 - 38 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>38 1/4 - 38 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>38 1/2 - 38 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>38 3/4 - 39"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>39 - 39 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>39 1/4 - 39 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>39 1/2 - 39 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>39 3/4 - 40"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>40 - 40 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>40 1/4 - 40 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>40 1/2 - 40 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>40 3/4 - 41"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>41 - 41 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>41 1/4 - 41 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>41 1/2 - 41 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>41 3/4 - 42"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>42 - 42 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>42 1/4 - 42 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>42 1/2 - 42 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>42 3/4 - 43"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>43 - 43 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>43 1/4 - 43 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>43 1/2 - 43 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>43 3/4 - 44"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>44 - 44 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>44 1/4 - 44 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>44 1/2 - 44 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>44 3/4 - 45"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>45 - 45 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>45 1/4 - 45 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>45 1/2 - 45 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>45 3/4 - 46"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>46 - 46 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>46 1/4 - 46 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>46 1/2 - 46 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>46 3/4 - 47"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>47 - 47 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>47 1/4 - 47 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>47 1/2 - 47 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>47 3/4 - 48"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>48 - 48 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>48 1/4 - 48 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>48 1/2 - 48 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>48 3/4 - 49"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>49 - 49 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>49 1/4 - 49 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>49 1/2 - 49 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>49 3/4 - 50"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>50 - 50 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>50 1/4 - 50 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>50 1/2 - 50 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>50 3/4 - 51"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>51 - 51 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>51 1/4 - 51 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>51 1/2 - 51 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>51 3/4 - 52"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>52 - 52 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>52 1/4 - 52 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>52 1/2 - 52 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>52 3/4 - 53"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>53 - 53 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>53 1/4 - 53 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>53 1/2 - 53 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>53 3/4 - 54"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>54 - 54 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>54 1/4 - 54 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>54 1/2 - 54 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>54 3/4 - 55"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>55 - 55 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>55 1/4 - 55 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>55 1/2 - 55 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>55 3/4 - 56"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>56 - 56 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>56 1/4 - 56 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>56 1/2 - 56 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>56 3/4 - 57"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>57 - 57 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>57 1/4 - 57 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>57 1/2 - 57 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>57 3/4 - 58"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>58 - 58 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>58 1/4 - 58 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>58 1/2 - 58 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>58 3/4 - 59"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>59 - 59 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>59 1/4 - 59 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>59 1/2 - 59 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>59 3/4 - 60"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>60 - 60 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>60 1/4 - 60 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>60 1/2 - 60 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>60 3/4 - 61"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>61 - 61 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>61 1/4 - 61 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>61 1/2 - 61 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>61 3/4 - 62"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>62 - 62 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>62 1/4 - 62 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>62 1/2 - 62 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>62 3/4 - 63"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>63 - 63 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>63 1/4 - 63 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>63 1/2 - 63 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>63 3/4 - 64"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>64 - 64 1/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>64 1/4 - 64 1/2"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>64 1/2 - 64 3/4"</td> <td>3/4"</td> <td>5% of dia.</td> </tr> <tr> <td>64 3/4 - 65"</td> <td>3/4"</td> <td>5% of dia.</td></tr></tbody></table>	CALIPER	HN BALL DIA.	HN BALL DEPTH	1 - 1 1/2"	3/4"	75% of dia.	1 1/2 - 1 3/4"	3/4"	65% of dia.	1 3/4 - 2"	3/4"	55% of dia.	2 - 2 1/4"	3/4"	45% of dia.	2 1/4 - 2 3/4"	3/4"	35% of dia.	2 3/4 - 3"	3/4"	25% of dia.	3 - 3 1/4"	3/4"	15% of dia.	3 1/4 - 3 1/2"	3/4"	10% of dia.	3 1/2 - 3 3/4"	3/4"	5% of dia.	3 3/4 - 4"	3/4"	5% of dia.	4 - 4 1/4"	3/4"	5% of dia.	4 1/4 - 4 1/2"	3/4"	5% of dia.	4 1/2 - 4 3/4"	3/4"	5% of dia.	4 3/4 - 5"	3/4"	5% of dia.	5 - 5 1/4"	3/4"	5% of dia.	5 1/4 - 5 1/2"	3/4"	5% of dia.	5 1/2 - 5 3/4"	3/4"	5% of dia.	5 3/4 - 6"	3/4"	5% of dia.	6 - 6 1/4"	3/4"	5% of dia.	6 1/4 - 6 1/2"	3/4"	5% of dia.	6 1/2 - 6 3/4"	3/4"	5% of dia.	6 3/4 - 7"	3/4"	5% of dia.	7 - 7 1/4"	3/4"	5% of dia.	7 1/4 - 7 1/2"	3/4"	5% of dia.	7 1/2 - 7 3/4"	3/4"	5% of dia.	7 3/4 - 8"	3/4"	5% of dia.	8 - 8 1/4"	3/4"	5% of dia.	8 1/4 - 8 1/2"	3/4"	5% of dia.	8 1/2 - 8 3/4"	3/4"	5% of dia.	8 3/4 - 9"	3/4"	5% of dia.	9 - 9 1/4"	3/4"	5% of dia.	9 1/4 - 9 1/2"	3/4"	5% of dia.	9 1/2 - 9 3/4"	3/4"	5% of dia.	9 3/4 - 10"	3/4"	5% of dia.	10 - 10 1/4"	3/4"	5% of dia.	10 1/4 - 10 1/2"	3/4"	5% of dia.	10 1/2 - 10 3/4"	3/4"	5% of dia.	10 3/4 - 11"	3/4"	5% of dia.	11 - 11 1/4"	3/4"	5% of dia.	11 1/4 - 11 1/2"	3/4"	5% of dia.	11 1/2 - 11 3/4"	3/4"	5% of dia.	11 3/4 - 12"	3/4"	5% of dia.	12 - 12 1/4"	3/4"	5% of dia.	12 1/4 - 12 1/2"	3/4"	5% of dia.	12 1/2 - 12 3/4"	3/4"	5% of dia.	12 3/4 - 13"	3/4"	5% of dia.	13 - 13 1/4"	3/4"	5% of dia.	13 1/4 - 13 1/2"	3/4"	5% of dia.	13 1/2 - 13 3/4"	3/4"	5% of dia.	13 3/4 - 14"	3/4"	5% of dia.	14 - 14 1/4"	3/4"	5% of dia.	14 1/4 - 14 1/2"	3/4"	5% of dia.	14 1/2 - 14 3/4"	3/4"	5% of dia.	14 3/4 - 15"	3/4"	5% of dia.	15 - 15 1/4"	3/4"	5% of dia.	15 1/4 - 15 1/2"	3/4"	5% of dia.	15 1/2 - 15 3/4"	3/4"	5% of dia.	15 3/4 - 16"	3/4"	5% of dia.	16 - 16 1/4"	3/4"	5% of dia.	16 1/4 - 16 1/2"	3/4"	5% of dia.	16 1/2 - 16 3/4"	3/4"	5% of dia.	16 3/4 - 17"	3/4"	5% of dia.	17 - 17 1/4"	3/4"	5% of dia.	17 1/4 - 17 1/2"	3/4"	5% of dia.	17 1/2 - 17 3/4"	3/4"	5% of dia.	17 3/4 - 18"	3/4"	5% of dia.	18 - 18 1/4"	3/4"	5% of dia.	18 1/4 - 18 1/2"	3/4"	5% of dia.	18 1/2 - 18 3/4"	3/4"	5% of dia.	18 3/4 - 19"	3/4"	5% of dia.	19 - 19 1/4"	3/4"	5% of dia.	19 1/4 - 19 1/2"	3/4"	5% of dia.	19 1/2 - 19 3/4"	3/4"	5% of dia.	19 3/4 - 20"	3/4"	5% of dia.	20 - 20 1/4"	3/4"	5% of dia.	20 1/4 - 20 1/2"	3/4"	5% of dia.	20 1/2 - 20 3/4"	3/4"	5% of dia.	20 3/4 - 21"	3/4"	5% of dia.	21 - 21 1/4"	3/4"	5% of dia.	21 1/4 - 21 1/2"	3/4"	5% of dia.	21 1/2 - 21 3/4"	3/4"	5% of dia.	21 3/4 - 22"	3/4"	5% of dia.	22 - 22 1/4"	3/4"	5% of dia.	22 1/4 - 22 1/2"	3/4"	5% of dia.	22 1/2 - 22 3/4"	3/4"	5% of dia.	22 3/4 - 23"	3/4"	5% of dia.	23 - 23 1/4"	3/4"	5% of dia.	23 1/4 - 23 1/2"	3/4"	5% of dia.	23 1/2 - 23 3/4"	3/4"	5% of dia.	23 3/4 - 24"	3/4"	5% of dia.	24 - 24 1/4"	3/4"	5% of dia.	24 1/4 - 24 1/2"	3/4"	5% of dia.	24 1/2 - 24 3/4"	3/4"	5% of dia.	24 3/4 - 25"	3/4"	5% of dia.	25 - 25 1/4"	3/4"	5% of dia.	25 1/4 - 25 1/2"	3/4"	5% of dia.	25 1/2 - 25 3/4"	3/4"	5% of dia.	25 3/4 - 26"	3/4"	5% of dia.	26 - 26 1/4"	3/4"	5% of dia.	26 1/4 - 26 1/2"	3/4"	5% of dia.	26 1/2 - 26 3/4"	3/4"	5% of dia.	26 3/4 - 27"	3/4"	5% of dia.	27 - 27 1/4"	3/4"	5% of dia.	27 1/4 - 27 1/2"	3/4"	5% of dia.	27 1/2 - 27 3/4"	3/4"	5% of dia.	27 3/4 - 28"	3/4"	5% of dia.	28 - 28 1/4"	3/4"	5% of dia.	28 1/4 - 28 1/2"	3/4"	5% of dia.	28 1/2 - 28 3/4"	3/4"	5% of dia.	28 3/4 - 29"	3/4"	5% of dia.	29 - 29 1/4"	3/4"	5% of dia.	29 1/4 - 29 1/2"	3/4"	5% of dia.	29 1/2 - 29 3/4"	3/4"	5% of dia.	29 3/4 - 30"	3/4"	5% of dia.	30 - 30 1/4"	3/4"	5% of dia.	30 1/4 - 30 1/2"	3/4"	5% of dia.	30 1/2 - 30 3/4"	3/4"	5% of dia.	30 3/4 - 31"	3/4"	5% of dia.	31 - 31 1/4"	3/4"	5% of dia.	31 1/4 - 31 1/2"	3/4"	5% of dia.	31 1/2 - 31 3/4"	3/4"	5% of dia.	31 3/4 - 32"	3/4"	5% of dia.	32 - 32 1/4"	3/4"	5% of dia.	32 1/4 - 32 1/2"	3/4"	5% of dia.	32 1/2 - 32 3/4"	3/4"	5% of dia.	32 3/4 - 33"	3/4"	5% of dia.	33 - 33 1/4"	3/4"	5% of dia.	33 1/4 - 33 1/2"	3/4"	5% of dia.	33 1/2 - 33 3/4"	3/4"	5% of dia.	33 3/4 - 34"	3/4"	5% of dia.	34 - 34 1/4"	3/4"	5% of dia.	34 1/4 - 34 1/2"	3/4"	5% of dia.	34 1/2 - 34 3/4"	3/4"	5% of dia.	34 3/4 - 35"	3/4"	5% of dia.	35 - 35 1/4"	3/4"	5% of dia.	35 1/4 - 35 1/2"	3/4"	5% of dia.	35 1/2 - 35 3/4"	3/4"	5% of dia.	35 3/4 - 36"	3/4"	5% of dia.	36 - 36 1/4"	3/4"	5% of dia.	36 1/4 - 36 1/2"	3/4"	5% of dia.	36 1/2 - 36 3/4"	3/4"	5% of dia.	36 3/4 - 37"	3/4"	5% of dia.	37 - 37 1/4"	3/4"	5% of dia.	37 1/4 - 37 1/2"	3/4"	5% of dia.	37 1/2 - 37 3/4"	3/4"	5% of dia.	37 3/4 - 38"	3/4"	5% of dia.	38 - 38 1/4"	3/4"	5% of dia.	38 1/4 - 38 1/2"	3/4"	5% of dia.	38 1/2 - 38 3/4"	3/4"	5% of dia.	38 3/4 - 39"	3/4"	5% of dia.	39 - 39 1/4"	3/4"	5% of dia.	39 1/4 - 39 1/2"	3/4"	5% of dia.	39 1/2 - 39 3/4"	3/4"	5% of dia.	39 3/4 - 40"	3/4"	5% of dia.	40 - 40 1/4"	3/4"	5% of dia.	40 1/4 - 40 1/2"	3/4"	5% of dia.	40 1/2 - 40 3/4"	3/4"	5% of dia.	40 3/4 - 41"	3/4"	5% of dia.	41 - 41 1/4"	3/4"	5% of dia.	41 1/4 - 41 1/2"	3/4"	5% of dia.	41 1/2 - 41 3/4"	3/4"	5% of dia.	41 3/4 - 42"	3/4"	5% of dia.	42 - 42 1/4"	3/4"	5% of dia.	42 1/4 - 42 1/2"	3/4"	5% of dia.	42 1/2 - 42 3/4"	3/4"	5% of dia.	42 3/4 - 43"	3/4"	5% of dia.	43 - 43 1/4"	3/4"	5% of dia.	43 1/4 - 43 1/2"	3/4"	5% of dia.	43 1/2 - 43 3/4"	3/4"	5% of dia.	43 3/4 - 44"	3/4"	5% of dia.	44 - 44 1/4"	3/4"	5% of dia.	44 1/4 - 44 1/2"	3/4"	5% of dia.	44 1/2 - 44 3/4"	3/4"	5% of dia.	44 3/4 - 45"	3/4"	5% of dia.	45 - 45 1/4"	3/4"	5% of dia.	45 1/4 - 45 1/2"	3/4"	5% of dia.	45 1/2 - 45 3/4"	3/4"	5% of dia.	45 3/4 - 46"	3/4"	5% of dia.	46 - 46 1/4"	3/4"	5% of dia.	46 1/4 - 46 1/2"	3/4"	5% of dia.	46 1/2 - 46 3/4"	3/4"	5% of dia.	46 3/4 - 47"	3/4"	5% of dia.	47 - 47 1/4"	3/4"	5% of dia.	47 1/4 - 47 1/2"	3/4"	5% of dia.	47 1/2 - 47 3/4"	3/4"	5% of dia.	47 3/4 - 48"	3/4"	5% of dia.	48 - 48 1/4"	3/4"	5% of dia.	48 1/4 - 48 1/2"	3/4"	5% of dia.	48 1/2 - 48 3/4"	3/4"	5% of dia.	48 3/4 - 49"	3/4"	5% of dia.	49 - 49 1/4"	3/4"	5% of dia.	49 1/4 - 49 1/2"	3/4"	5% of dia.	49 1/2 - 49 3/4"	3/4"	5% of dia.	49 3/4 - 50"	3/4"	5% of dia.	50 - 50 1/4"	3/4"	5% of dia.	50 1/4 - 50 1/2"	3/4"	5% of dia.	50 1/2 - 50 3/4"	3/4"	5% of dia.	50 3/4 - 51"	3/4"	5% of dia.	51 - 51 1/4"	3/4"	5% of dia.	51 1/4 - 51 1/2"	3/4"	5% of dia.	51 1/2 - 51 3/4"	3/4"	5% of dia.	51 3/4 - 52"	3/4"	5% of dia.	52 - 52 1/4"	3/4"	5% of dia.	52 1/4 - 52 1/2"	3/4"	5% of dia.	52 1/2 - 52 3/4"	3/4"	5% of dia.	52 3/4 - 53"	3/4"	5% of dia.	53 - 53 1/4"	3/4"	5% of dia.	53 1/4 - 53 1/2"	3/4"	5% of dia.	53 1/2 - 53 3/4"	3/4"	5% of dia.	53 3/4 - 54"	3/4"	5% of dia.	54 - 54 1/4"	3/4"	5% of dia.	54 1/4 - 54 1/2"	3/4"	5% of dia.	54 1/2 - 54 3/4"	3/4"	5% of dia.	54 3/4 - 55"	3/4"	5% of dia.	55 - 55 1/4"	3/4"	5% of dia.	55 1/4 - 55 1/2"	3/4"	5% of dia.	55 1/2 - 55 3/4"	3/4"	5% of dia.	55 3/4 - 56"	3/4"	5% of dia.	56 - 56 1/4"	3/4"	5% of dia.	56 1/4 - 56 1/2"	3/4"	5% of dia.	56 1/2 - 56 3/4"	3/4"	5% of dia.	56 3/4 - 57"	3/4"	5% of dia.	57 - 57 1/4"	3/4"	5% of dia.	57 1/4 - 57 1/2"	3/4"	5% of dia.	57 1/2 - 57 3/4"	3/4"	5% of dia.	57 3/4 - 58"	3/4"	5% of dia.	58 - 58 1/4"	3/4"	5% of dia.	58 1/4 - 58 1/2"	3/4"	5% of dia.	58 1/2 - 58 3/4"	3/4"	5% of dia.	58 3/4 - 59"	3/4"	5% of dia.	59 - 59 1/4"	3/4"	5% of dia.	59 1/4 - 59 1/2"	3/4"	5% of dia.	59 1/2 - 59 3/4"	3/4"	5% of dia.	59 3/4 - 60"	3/4"	5% of dia.	60 - 60 1/4"	3/4"	5% of dia.	60 1/4 - 60 1/2"	3/4"	5% of dia.	60 1/2 - 60 3/4"	3/4"	5% of dia.	60 3/4 - 61"	3/4"	5% of dia.	61 - 61 1/4"	3/4"	5% of dia.	61 1/4 - 61 1/2"	3/4"	5% of dia.	61 1/2 - 61 3/4"	3/4"	5% of dia.	61 3/4 - 62"	3/4"	5% of dia.	62 - 62 1/4"	3/4"	5% of dia.	62 1/4 - 62 1/2"	3/4"	5% of dia.	62 1/2 - 62 3/4"	3/4"	5% of dia.	62 3/4 - 63"	3/4"	5% of dia.	63 - 63 1/4"	3/4"	5% of dia.	63 1/4 - 63 1/2"	3/4"	5% of dia.	63 1/2 - 63 3/4"	3/4"	5% of dia.	63 3/4 - 64"	3/4"	5% of dia.	64 - 64 1/4"	3/4"	5% of dia.	64 1/4 - 64 1/2"	3/4"	5% of dia.	64 1/2 - 64 3/4"	3/4"	5% of dia.	64 3/4 - 65"	3/4"	5% of dia.
CALIPER	HN BALL DIA.	HN BALL DEPTH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
1 - 1 1/2"	3/4"	75% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
1 1/2 - 1 3/4"	3/4"	65% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
1 3/4 - 2"	3/4"	55% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
2 - 2 1/4"	3/4"	45% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
2 1/4 - 2 3/4"	3/4"	35% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
2 3/4 - 3"	3/4"	25% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
3 - 3 1/4"	3/4"	15% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
3 1/4 - 3 1/2"	3/4"	10% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
3 1/2 - 3 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
3 3/4 - 4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
4 - 4 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
4 1/4 - 4 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
4 1/2 - 4 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
4 3/4 - 5"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
5 - 5 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
5 1/4 - 5 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
5 1/2 - 5 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
5 3/4 - 6"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
6 - 6 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
6 1/4 - 6 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
6 1/2 - 6 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
6 3/4 - 7"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
7 - 7 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
7 1/4 - 7 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
7 1/2 - 7 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
7 3/4 - 8"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
8 - 8 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
8 1/4 - 8 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
8 1/2 - 8 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
8 3/4 - 9"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
9 - 9 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
9 1/4 - 9 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
9 1/2 - 9 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
9 3/4 - 10"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
10 - 10 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
10 1/4 - 10 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
10 1/2 - 10 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
10 3/4 - 11"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
11 - 11 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
11 1/4 - 11 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
11 1/2 - 11 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
11 3/4 - 12"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
12 - 12 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
12 1/4 - 12 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
12 1/2 - 12 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
12 3/4 - 13"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
13 - 13 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
13 1/4 - 13 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
13 1/2 - 13 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
13 3/4 - 14"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
14 - 14 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
14 1/4 - 14 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
14 1/2 - 14 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
14 3/4 - 15"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
15 - 15 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
15 1/4 - 15 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
15 1/2 - 15 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
15 3/4 - 16"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
16 - 16 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
16 1/4 - 16 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
16 1/2 - 16 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
16 3/4 - 17"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
17 - 17 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
17 1/4 - 17 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
17 1/2 - 17 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
17 3/4 - 18"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
18 - 18 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
18 1/4 - 18 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
18 1/2 - 18 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
18 3/4 - 19"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
19 - 19 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
19 1/4 - 19 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
19 1/2 - 19 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
19 3/4 - 20"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
20 - 20 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
20 1/4 - 20 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
20 1/2 - 20 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
20 3/4 - 21"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
21 - 21 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
21 1/4 - 21 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
21 1/2 - 21 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
21 3/4 - 22"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
22 - 22 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
22 1/4 - 22 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
22 1/2 - 22 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
22 3/4 - 23"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
23 - 23 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
23 1/4 - 23 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
23 1/2 - 23 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
23 3/4 - 24"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
24 - 24 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
24 1/4 - 24 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
24 1/2 - 24 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
24 3/4 - 25"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
25 - 25 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
25 1/4 - 25 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
25 1/2 - 25 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
25 3/4 - 26"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
26 - 26 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
26 1/4 - 26 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
26 1/2 - 26 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
26 3/4 - 27"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
27 - 27 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
27 1/4 - 27 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
27 1/2 - 27 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
27 3/4 - 28"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
28 - 28 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
28 1/4 - 28 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
28 1/2 - 28 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
28 3/4 - 29"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
29 - 29 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
29 1/4 - 29 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
29 1/2 - 29 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
29 3/4 - 30"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
30 - 30 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
30 1/4 - 30 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
30 1/2 - 30 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
30 3/4 - 31"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
31 - 31 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
31 1/4 - 31 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
31 1/2 - 31 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
31 3/4 - 32"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
32 - 32 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
32 1/4 - 32 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
32 1/2 - 32 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
32 3/4 - 33"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
33 - 33 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
33 1/4 - 33 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
33 1/2 - 33 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
33 3/4 - 34"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
34 - 34 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
34 1/4 - 34 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
34 1/2 - 34 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
34 3/4 - 35"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
35 - 35 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
35 1/4 - 35 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
35 1/2 - 35 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
35 3/4 - 36"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
36 - 36 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
36 1/4 - 36 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
36 1/2 - 36 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
36 3/4 - 37"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
37 - 37 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
37 1/4 - 37 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
37 1/2 - 37 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
37 3/4 - 38"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
38 - 38 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
38 1/4 - 38 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
38 1/2 - 38 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
38 3/4 - 39"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
39 - 39 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
39 1/4 - 39 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
39 1/2 - 39 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
39 3/4 - 40"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
40 - 40 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
40 1/4 - 40 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
40 1/2 - 40 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
40 3/4 - 41"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
41 - 41 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
41 1/4 - 41 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
41 1/2 - 41 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
41 3/4 - 42"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
42 - 42 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
42 1/4 - 42 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
42 1/2 - 42 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
42 3/4 - 43"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
43 - 43 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
43 1/4 - 43 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
43 1/2 - 43 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
43 3/4 - 44"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
44 - 44 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
44 1/4 - 44 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
44 1/2 - 44 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
44 3/4 - 45"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
45 - 45 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
45 1/4 - 45 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
45 1/2 - 45 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
45 3/4 - 46"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
46 - 46 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
46 1/4 - 46 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
46 1/2 - 46 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
46 3/4 - 47"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
47 - 47 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
47 1/4 - 47 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
47 1/2 - 47 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
47 3/4 - 48"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
48 - 48 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
48 1/4 - 48 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
48 1/2 - 48 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
48 3/4 - 49"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
49 - 49 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
49 1/4 - 49 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
49 1/2 - 49 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
49 3/4 - 50"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
50 - 50 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
50 1/4 - 50 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
50 1/2 - 50 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
50 3/4 - 51"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
51 - 51 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
51 1/4 - 51 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
51 1/2 - 51 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
51 3/4 - 52"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
52 - 52 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
52 1/4 - 52 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
52 1/2 - 52 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
52 3/4 - 53"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
53 - 53 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
53 1/4 - 53 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
53 1/2 - 53 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
53 3/4 - 54"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
54 - 54 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
54 1/4 - 54 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
54 1/2 - 54 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
54 3/4 - 55"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
55 - 55 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
55 1/4 - 55 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
55 1/2 - 55 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
55 3/4 - 56"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
56 - 56 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
56 1/4 - 56 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
56 1/2 - 56 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
56 3/4 - 57"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
57 - 57 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
57 1/4 - 57 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
57 1/2 - 57 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
57 3/4 - 58"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
58 - 58 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
58 1/4 - 58 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
58 1/2 - 58 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
58 3/4 - 59"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
59 - 59 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
59 1/4 - 59 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
59 1/2 - 59 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
59 3/4 - 60"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
60 - 60 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
60 1/4 - 60 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
60 1/2 - 60 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
60 3/4 - 61"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
61 - 61 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
61 1/4 - 61 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
61 1/2 - 61 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
61 3/4 - 62"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
62 - 62 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
62 1/4 - 62 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
62 1/2 - 62 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
62 3/4 - 63"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
63 - 63 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
63 1/4 - 63 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
63 1/2 - 63 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
63 3/4 - 64"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
64 - 64 1/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
64 1/4 - 64 1/2"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
64 1/2 - 64 3/4"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
64 3/4 - 65"	3/4"	5% of dia.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											





PROVIDE (2) - 3" SLEEVES UNDER NEW A/C AREA AS SHOWN TO ACCOMMODATE IRRIGATION PIPES. CONTINUE EXISTING IRRIGATION LATERAL THRU SLEEVE "A", PROVIDE NEW 3/4" IRRIGATION LATERAL THRU SLEEVE "B".

Fire Hydrant



**D POP-UP SPRAY SPRINKLER**  
N.Y.S. 1612/1806 WITH SWING PIPE

SPRINKLER HEAD LEGEND

SYM.	TYPE
☑	12" POP UP SPRAY - 12' ADJUSTABLE
☐	12" POP UP SPRAY - 10'H
▲	6" POP UP SPRAY - 15'SST
⊕	6" POP UP SPRAY ON RISER - 10'H
●	6" POP UP SPRAY - 8' CST
⦿	6" POP UP SPRAY - 8' EST

NOTES: USE PROPER SCREENS IN ALL HEADS..  
TYPE/MODEL TO BE AS IS EXISTING ON SYSTEM

TIE TO EXISTING LATERALS  
3/4" SDR 26 PVC X 12" DEEP  
MIN. DEPTH

EXISTING SPRINKLERS  
TO REMAIN

project:  
**stand up**  
**mri**  
pembroke pines, fl

dave bodker  
landscape architecture/planning inc.  
601 n. congress ave., suite 105-a  
delray beach, florida 33445  
561-276-6311

#LA0000999  
sheet title:  
**irrigation**  
**plan**

project number:  
13019  
date:  
12-05-2019  
scale:  
n.t.s.  
drawn by:  
rh

revisions:  
1/17/2020  
Δ  
Δ  
Δ  
Δ



sheet:  
**1-1**  
1 of 1 sheets