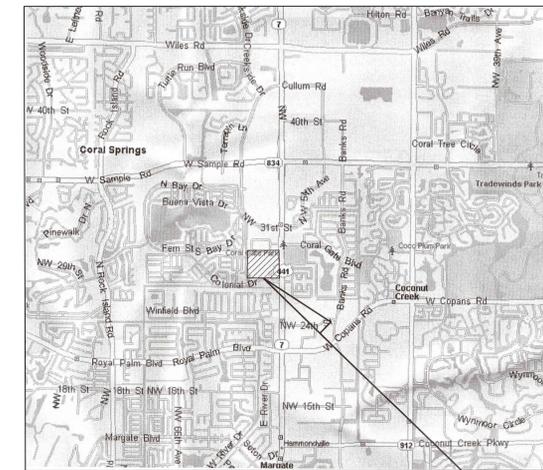
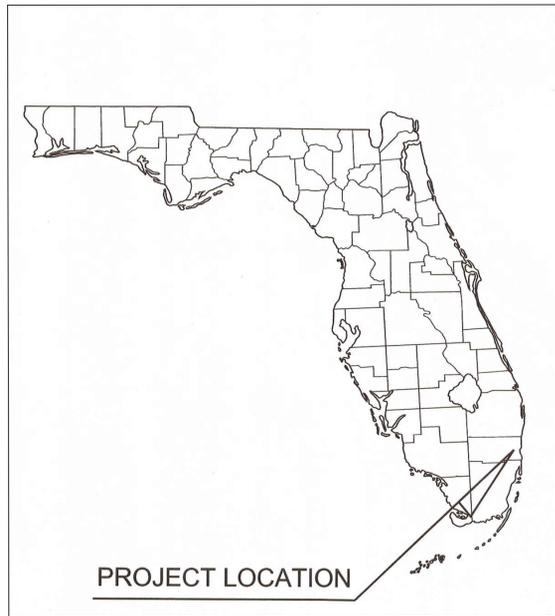


# SITE PLAN

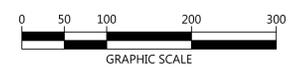
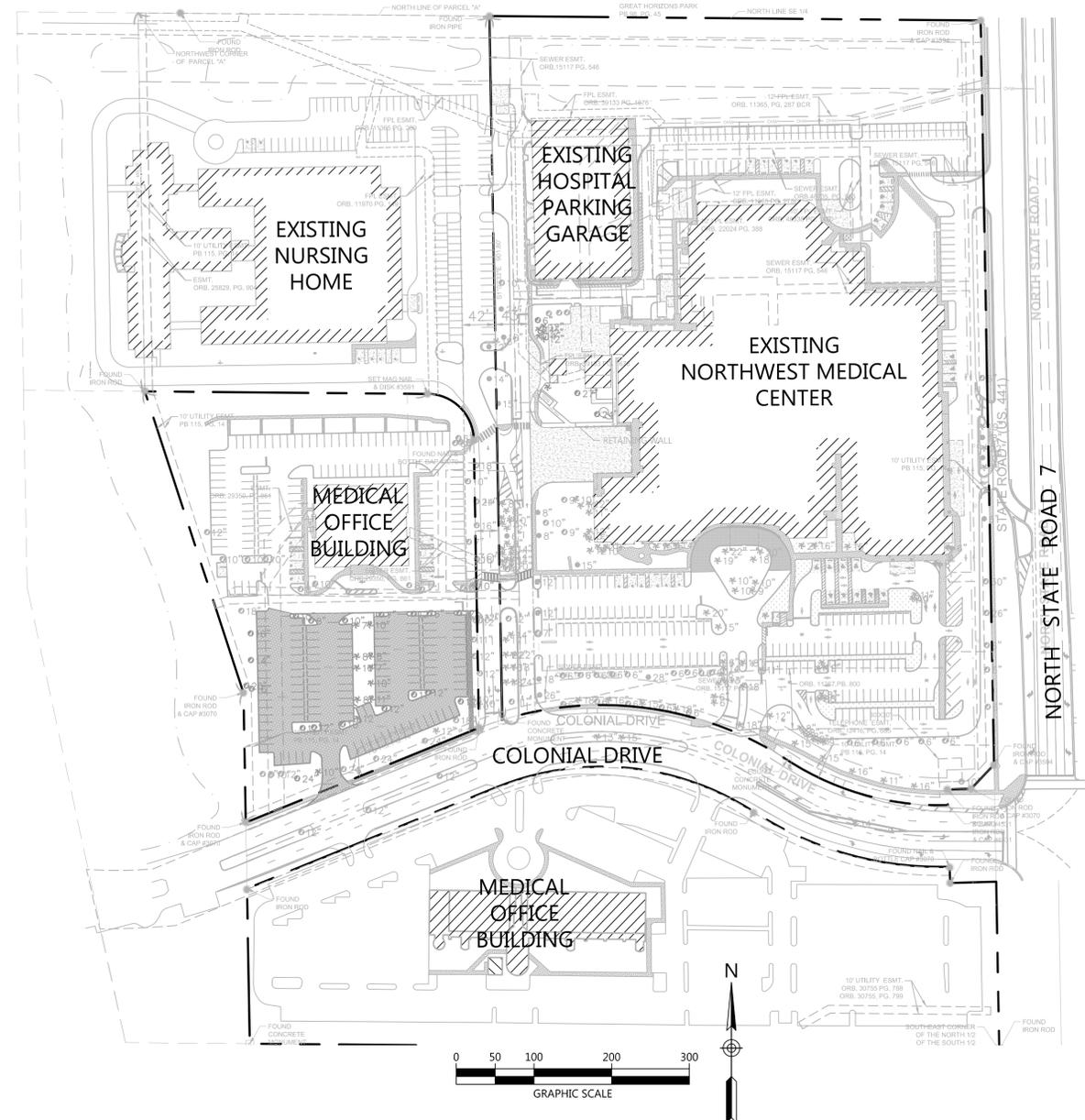
# NORTHWEST MEDICAL CENTER

## MARGATE, BROWARD COUNTY, FLORIDA

LEA PROJECT NO. 514716072  
NOVEMBER 4, 2016



PROJECT  
LOCATION



### SHEET INDEX

- C0.00 COVER SHEET
- C1.00 EXISTING CONDITIONS
- C2.00 SITE NOTES
- C3.00 SITE DEMOLITION (CEP SITE)
- C3.01 SITE DEMOLITION (GARAGE SITE)
- C4.00 OVERALL LAYOUT (CEP SITE)
- C4.01 OVERALL LAYOUT (GARAGE SITE)
- C4.02 SITE LAYOUT PLAN (CEP SITE)
- C4.03 SITE LAYOUT PLAN (GARAGE SITE)
- C5.00 GRADING, UTILITY & DRAINAGE PLAN (CEP SITE)
- C5.01 GRADING, UTILITY & DRAINAGE PLAN (GARAGE SITE)
- C6.00 SITE DETAILS
- C6.01 SITE DETAILS
  
- L1.00 LANDSCAPE NOTES
- L1.01 LANDSCAPE DETAILS
- L2.00 OVERALL LANDSCAPE PLAN
- L2.01 LANDSCAPE PLAN (GARAGE SITE)

### PROJECT TEAM

**OWNER**  
NORTHWEST MEDICAL CENTER, INC.  
2801 NORTH S.R. 7  
MARGATE, FLORIDA 33063  
CONTACT: STACY MODLIN, C.O.O.

**CIVIL ENGINEER**  
LITTLEJOHN ENGINEERING,  
AN S&ME COMPANY  
1651 EDGEWATER DR., SUITE 200  
ORLANDO, FLORIDA 32804  
CONTACT: CHRIS AKERS

**LANDSCAPE ARCHITECT**  
LITTLEJOHN ENGINEERING,  
AN S&ME COMPANY  
1651 EDGEWATER DR., SUITE 200  
ORLANDO, FLORIDA 32804  
CONTACT: EDWARD BROWDER

**ARCHITECT**  
KNOVATIONS  
13112 TELECOM DR.  
TAMPA, FLORIDA 33637  
CONTACT: X

**SURVEYOR**  
CAULFIELD & WHEELER, INC.,  
7900 GLADES RD., SUITE 100  
BOCA RATON, FLORIDA 33434  
CONTACT: DAVID LINDLEY, PLS.

**PROJECT SITE ADDRESS**  
NORTHWEST MEDICAL CENTER  
2801 N. STATE ROAD  
MARGATE, FLORIDA 33063



1615 Edgewater Drive, Suite 200, ORLANDO, FLORIDA 32804  
T 407.975.1273 F 407.975.1276 www.littlejohn.com  
Leonard E. Littlejohn, P.E. License No. 1112  
Bruce C. Hall, P.E. License No. 14003327  
Florida Firm Registration No. 28950

**HCA**  
**East Florida**  
450 East Las Olas Blvd.  
Ft. Lauderdale, FL 33301

**NORTHWEST  
MEDICAL CENTER**

Margate, Broward County, Florida



NO.	DATE	DESCRIPTION	BY	CHK	APV
1	11/17/2016	CITY DIRC SUBMITTAL	DT	AW	CA

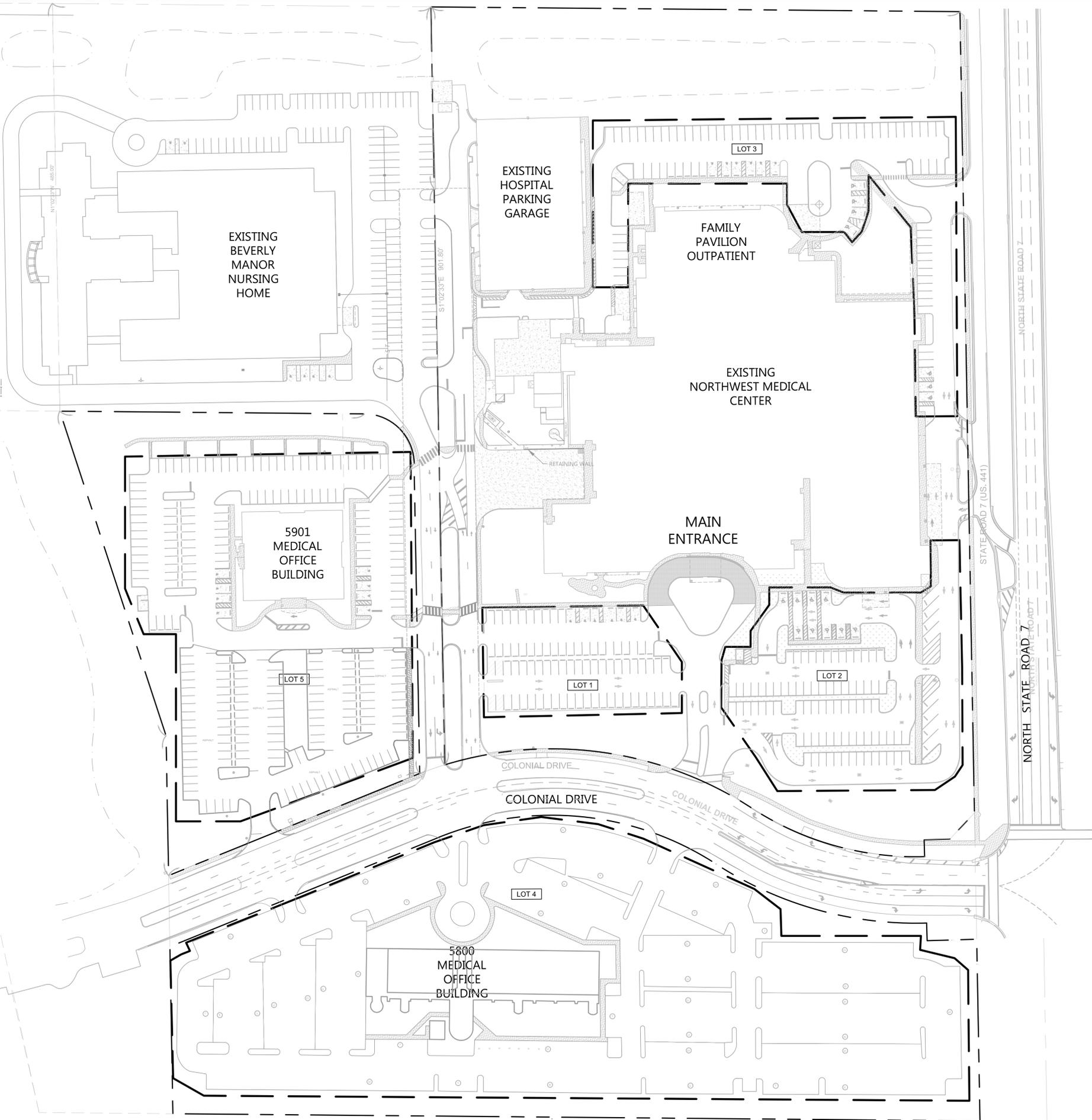
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**514716072**

DRAWING NUMBER  
**C0.00**

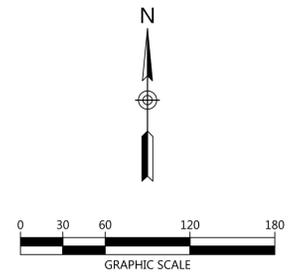
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**COVER SHEET**

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LOT #	STANDARD STALLS	ACCESSIBLE STALLS	TOTAL STALLS
LOT 1	70	10	80
LOT 2	91	9	100
LOT 3	60	10	70
LOT 4	462	7	469
LOT 5	241	8	249
GARAGE	223	7	230
SITE TOTAL	1147	51	1198

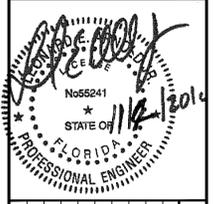


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Bruce C. Hall, P.E., No. 04003597  
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Ft. Lauderdale, FL 33301

**NORTHWEST MEDICAL CENTER**  
Margate, Broward County, Florida



NO.	DATE	CITY DRC SUBMITTAL	DT	AW	CA
1	11/4/2016				

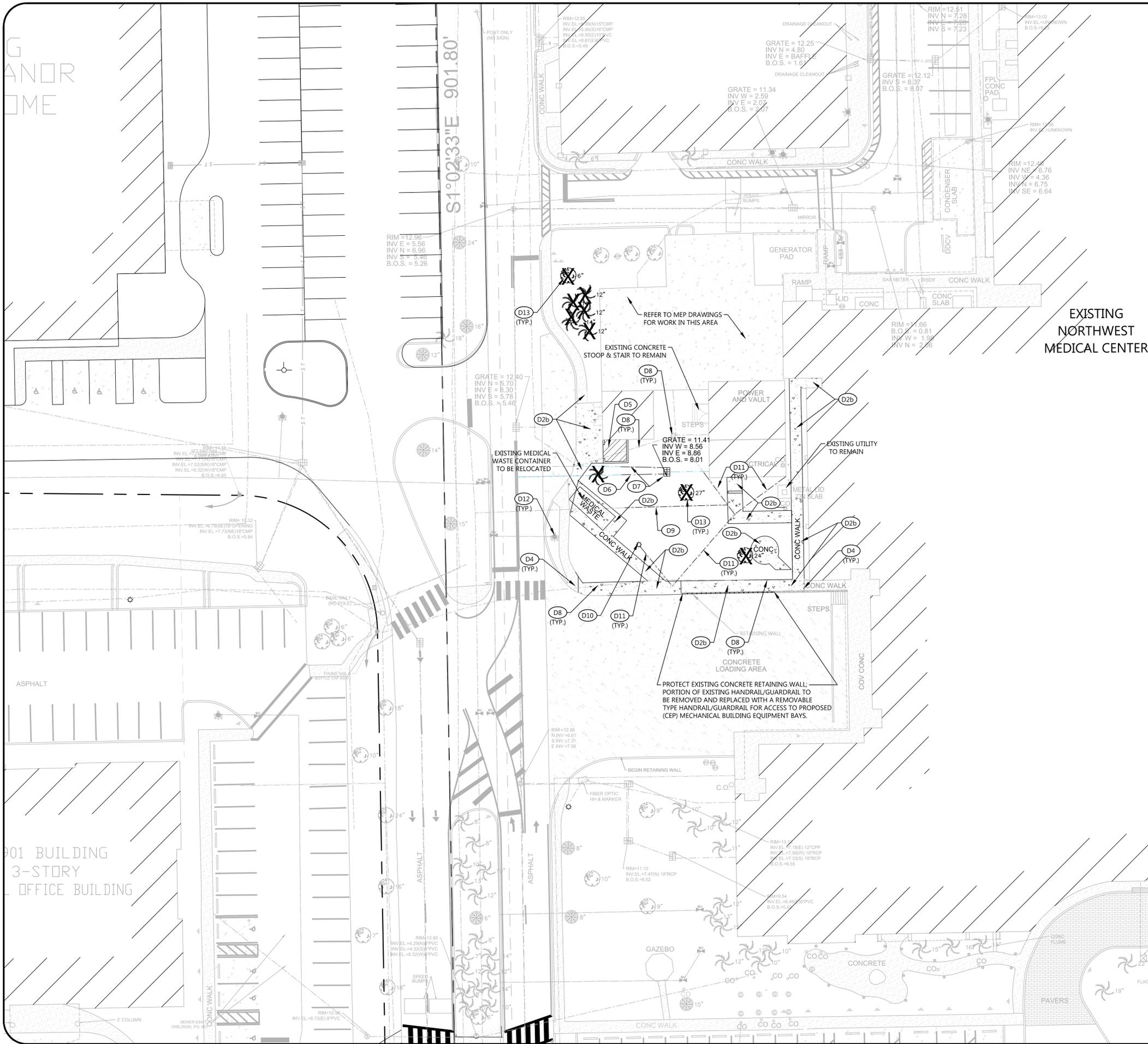
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**514716072**

DRAWING NUMBER  
**C1.00**

DRAWING NAME  
**EXISTING CONDITIONS**



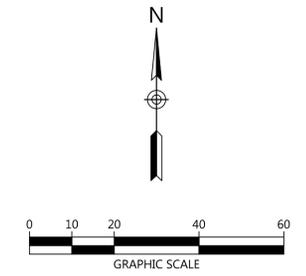
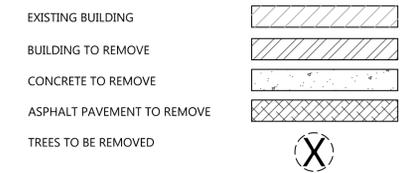
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EXISTING  
NORTHWEST  
MEDICAL CENTER

DEMOLITION KEYNOTES		
CODE	DESCRIPTION	DET #/SHT #
D1	REMOVE EXISTING ASPHALT PAVEMENT	
D2a	REMOVE EXISTING CONCRETE PAVEMENT	
D2b	REMOVE EXISTING CONCRETE SIDEWALK	
D3	REMOVE EXISTING CONCRETE CURB	
D4	EVENLY SAWCUT	
D5	REMOVE EXISTING BUILDING/STRUCTURE; REFER TO ARCHITECTURAL DRAWINGS	
D6	REMOVE EXISTING DRAINAGE STRUCTURE	
D7	REMOVE EXISTING STORM DRAIN LINE	
D8	PROTECT EXISTING UTILITY	
D9	REMOVE EXISTING SANITARY SEWER LINE; REFER TO PLUMBING DRAWINGS FOR NEW LOCATION	
D10	REMOVE EXISTING SITE LIGHT POLE & APPURTENANCES; REFER TO ELECTRICAL SITE DRAWINGS	
D11	EXISTING BURIED UTILITY LINE TO BE REMOVED; REFER TO ELECTRICAL SITE DRAWINGS	
D12	PROTECT EXISTING HYDRANT	
D13	REMOVE EXISTING TREE	

PROPOSED FEATURES LEGEND



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NORTHWEST  
MEDICAL CENTER

Margate, Broward County, Florida



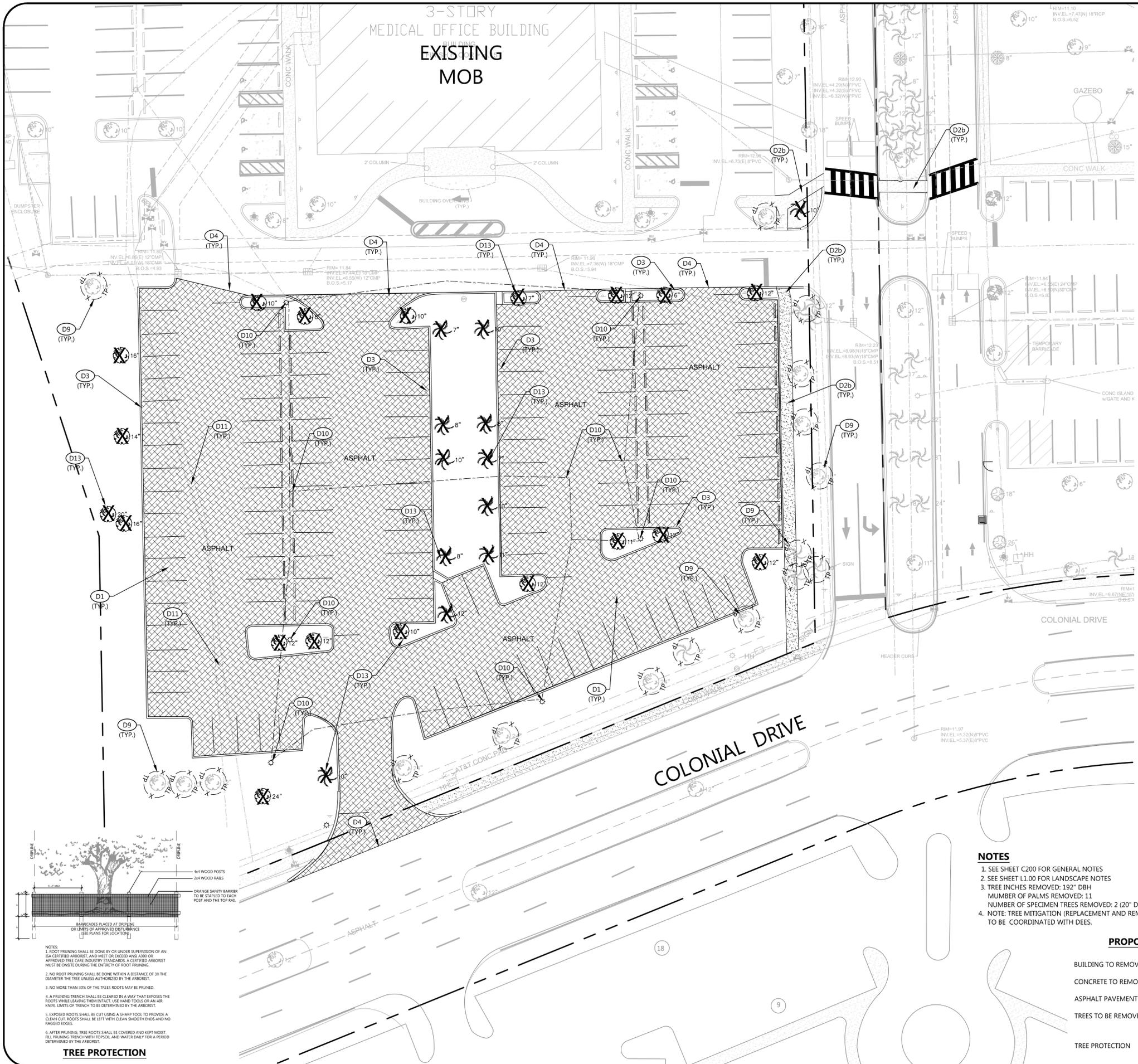
NO.	DATE	DESCRIPTION	BY	CHK	AW	CA	APV
1	11/4/2016	CITY DRC SUBMITTAL					

PROJECT NUMBER  
514716072

DRAWING NUMBER  
**C3.00**

DRAWING NAME  
SITE  
DEMOLITION

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**TREE PROTECTION AND PRESERVATION NOTES**

- Protect designated existing trees scheduled to remain against:
  - Unnecessary cutting, breaking, or skinning of roots
  - Skimming and bruising of bark
  - Smothering of trees by stockpiling construction or excavation materials within protection barrier
- Protection barriers (tree barricades) shall be plainly visible and shall create a continuous boundary around trees or vegetation clusters in order to prevent encroachment within the barricade.
- For all trees to be preserved, see Tree Protection and Barricade Elevation detail.
- No grade changes shall be made within the protective barrier zones without prior approval.
- The method of protection is to make certain that 50% of the area under the canopy dripline remains undisturbed (no grade change or root cut) and there shall be no disturbance to the root plate.
- General contractor shall be responsible for the replacement and mitigation costs of trees damaged beyond repair that have been identified as protected and preserved. If trees are harmed through lack of protection or through negligence on the part of the contractor, the contractor shall bear the burden of the cost of repair or replacement.
- Root pruning shall be done by or under supervision of an ISA certified arborist, and meet or exceed ANSI A300 or approved tree care industry standards. A certified arborist must be onsite during the entirety of root pruning.
- No root pruning shall be done within a distance of 3x the diameter of the tree unless authorized by the arborist.
- No more than 30% of the trees roots may be pruned.
- A pruning trench shall be cleared in a way that exposes the roots while leaving them intact. Use hand tools or an air knife. Limits of trench to be determined by the arborist.
- All roots outside of the protective barricade to be removed during the development shall be severed clean using a sharp tool to provide a clean cut. Roots shall be left with clean smooth ends and no ragged edges and a two-inch layer of mulch shall be applied over the surface of exposed roots during development within one hour of damage or exposure.
- After pruning, tree roots shall be covered and kept moist. Fill pruning trench with topsoil and water daily for a period determined by the arborist.

**DEMOLITION NOTES**

- All base information provided by owner, contractor shall field verify all information prior to beginning work.
- Contractor shall notify all pertinent utility companies 48 hours minimum prior to digging for verification of all underground utilities. Plans are prepared according to the best information available at the time of preparing these documents.
- The contractor shall become completely familiar with existing site conditions prior to beginning installation. All existing site improvements, paving, landscape, lighting, and other site elements to remain shall be protected from damage unless otherwise noted.
- The contractor shall report any discrepancies between the construction drawings and actual field conditions to the owner's representative immediately.
- The contractor shall coordinate all work with related contractors and with the general construction of the project in order to not impede the progress of work of others or the contractor's own work.
- Contractor shall coordinate access and staging area with the owner.
- Report and document all existing damage of existing site features and elements to the owner prior to beginning work. Contractor shall be responsible for all subsequent damage.
- Contractor shall protect, by whatever means necessary, the existing site features and elements to remain. All damaged items shall be replaced or repaired at no additional cost to the owner. Notify owner immediately if any damages occur.
- Contractor shall provide all necessary safety measures that may be required during the construction process to protect the public and owner at all times as per all applicable codes and recognized local practices.
- Contractor shall refer to the hardscape, fencing, landscape and irrigation plans and details for complete instructions.
- Coordinate all irrigation demolition with the irrigation contractor and irrigation plans/details typical.
- Contractor shall protect all existing plant materials indicated on the plans to remain. All plant material indicated to remain damaged by the contractor shall be replaced by the contractor at no additional cost to the owner with same size, quality, and type of plant material.
- Contractor shall be responsible for all erosion control and protection measures as may be required by locally approved means. Contractor shall follow all local governing codes and requirements.
- Contractor shall clean the work areas at the end of each working day. Construction rubbish and debris shall be collected and deposited off-site daily. All materials and equipment stored on-site shall be kept in an organized manner daily.
- Contractor shall layout all demolition lines and verify layout with the owner's representative prior to beginning any construction work.
- The contractor shall comply with FL 77-153 regarding notification of existing gas & oil pipeline company owners and shall notify Sunshine State One Call of Florida (SSOCOF) at 1-800-432-4770 prior to excavating. Evidence of such notice shall be furnished to the owner prior to excavation.

**DEMOLITION KEYNOTES**

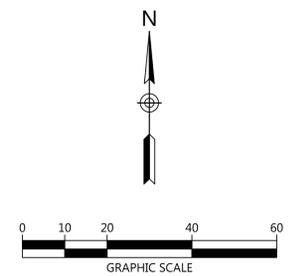
CODE	DESCRIPTION	DET #/SHT #
D1	REMOVE EXISTING ASPHALT PAVEMENT	
D2a	REMOVE EXISTING CONCRETE PAVEMENT	
D2b	REMOVE EXISTING CONCRETE SIDEWALK	
D3	REMOVE EXISTING CONCRETE CURB	
D4	EVENLY SAWCUT	
D6	REMOVE EXISTING DRAINAGE STRUCTURE	
D7	REMOVE EXISTING STORM DRAIN LINE	
D8	PROTECT EXISTING UTILITY	
D9	TREE PROTECTION	
D10	REMOVE EXISTING SITE LIGHT POLE & APPURTENANCES; REFER TO ELECTRICAL SITE DRAWINGS	
D11	EXISTING BURIED UTILITY LINE TO BE REROUTED; REFER TO ELECTRICAL SITE DRAWINGS	
D12	PROTECT EXISTING HYDRANT	
D13	REMOVE EXISTING TREE	

**NOTES**

- SEE SHEET C200 FOR GENERAL NOTES
- SEE SHEET L1.00 FOR LANDSCAPE NOTES
- TREE INCHES REMOVED: 192" DBH  
NUMBER OF PALMS REMOVED: 11  
NUMBER OF SPECIMEN TREES REMOVED: 2 (20" DBH & 24" DBH)
- NOTE: TREE MITIGATION (REPLACEMENT AND REMUNERATION) TO BE COORDINATED WITH DEES.

**PROPOSED FEATURES LEGEND**

- BUILDING TO REMOVE
- CONCRETE TO REMOVE
- ASPHALT PAVEMENT TO REMOVE
- TREES TO BE REMOVED
- TREE PROTECTION



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Ft. Lauderdale, FL 33301

**NORTHWEST**  
**MEDICAL CENTER**

Margate, Broward County, Florida



NO.	DATE	DESCRIPTION	BY	CHK	CA	APV
1	11/14/2016	CITY DRC SUBMITTAL	DT			

PROJECT NUMBER  
**514716072**

DRAWING NUMBER  
**C3.01**

DRAWING NAME  
**SITE DEMOLITION PLAN**

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**SITE DATA**

HOSPITAL:  
PARCEL ID. AND AREA: 2801 NORTH STATE RD 7, MARGATE, FL 33063  
115-14 B PORTION OF PARCEL A; FOLIO NO. 484124060010;  
13.3 AC +/-

WESTERN PARCEL (LAKE):  
2801 NORTH STATE RD 7, MARGATE, FL 33063  
FOLIO NO. 484124060020;  
4.0 AC +/-

5901 MOB PARCEL:  
PARCEL ID. AND AREA: 2801 NORTH STATE ROAD, MARGATE, FL 33063  
115-14 B PORTION OF PARCEL A; FOLIO NO. 484124060010;  
3.61 AC +/-

5901 MOB BUILDING:  
PARCEL ID. AND AREA: 5901 COLONIAL DRIVE, MARGATE, FL 33063  
115-14 B PORTION OF PARCEL A; FOLIO NO. 484124060011;  
0.29 AC +/-

FAMILY PAVILION OUTPATIENT MOB:  
PARCEL ID. AND AREA: 2825 NORTH STATE RD 7, MARGATE, FL 33063  
115-14 B PORTION OF PARCEL A; FOLIO NO. 484124060012;  
0.25 AC +/-

5800 MOB:  
PARCEL ID. AND AREA: 5800 COLONIAL DRIVE, MARGATE, FL 33063  
118-16 B PORTION OF PARCEL A; FOLIO NO. 484124AD0050  
AND 484124070010;  
6.35 AC +/-

TOTAL SITE AREA: 27.8 AC +/-

EXISTING ZONING: CF-1  
EXISTING/PROPOSED USE: MEDICAL  
ALLOWED MAX. BUILDING HEIGHT: 4 STORIES OR 50 FT  
MAXIMUM BUILDING LOT COVERAGE: 25% FOR 4 STORY BUILDINGS;  
EXISTING CONDITIONS: 17.2% PROVIDED  
PROPOSED CONDITIONS: 20.1% PROVIDED

MINIMUM BUILDING SETBACKS:  
FRONT YARD: 35 FT  
SIDE YARD: 25 FT  
REAR YARD: 25 FT

EXISTING HOSPITAL BUILDING:  
292,685 SF; 228 BEDS

PROPOSED HOSPITAL BUILDING :  
1ST FLOOR: 5,357 SF; 0 NEW BEDS (CENTRAL ENERGY PLANT)  
2ND FLOOR: 16,890 SF; 22 NEW BEDS  
3RD FLOOR: 28,636 SF; 6 NEW BEDS  
4TH FLOOR: 28,636 SF; 33 NEW BEDS  
TOTAL ADDED: 62,629 SF; 61 NEW BEDS

TOTAL HOSPITAL BUILDING AREA: 355,314 SF, 289 BEDS

PROPOSED HOSPITAL GARAGE: 115,790 SF; 333 SPACES (325 STANDARD, 8 ACCESSIBLE)

**PARKING SUMMARY**

PARKING SUMMARY  
PARKING REQUIRED:  
1 SPACE PER BED (EXISTING 228 BEDS + 64 PROPOSED BEDS) PLUS  
1 SPACE PER EMPLOYEE (363 EMPLOYEES ON PEAK SHIFT) PLUS  
1 SPACE PER 150 SF MOB ) (3 MOB = 122,260 SF)  
1,324 SPACES REQUIRED

EXISTING STANDARD PARKING PROVIDED:  
PARKING PROVIDED: 223 SPACES  
GARAGE: 630 SPACES  
SURFACE PARKING: 1,153 SPACES PROVIDED

EXISTING ACCESSIBLE PARKING PROVIDED:  
PARKING PROVIDED: 7 SPACES  
GARAGE: 38 SPACES  
SURFACE PARKING: 45 SPACES PROVIDED

TOTAL EXISTING PARKING PROVIDED: 1,198 SPACES PROVIDED

STANDARD PARKING PROVIDED WITHIN PROJECT SCOPE AREA:  
PROPOSED WITH THIS PROJECT 333 SPACES  
DEMOLISHED WITH THIS PROJECT 125 SPACES  
TOTAL STANDARD SPACES PROVIDED 208 SPACES

ACCESSIBLE PARKING PROVIDED WITHIN PROJECT SCOPE AREA:  
PROPOSED WITH THIS PROJECT 8 SPACES  
DEMOLISHED WITH THIS PROJECT 0 SPACES  
TOTAL ACCESSIBLE SPACES PROVIDED 8 SPACES

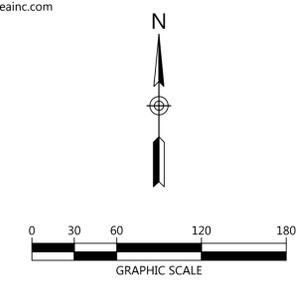
TOTAL PARKING PROVIDED 1,414 SPACES

NORTHWEST MEDICAL CENTER  
ADDRESS: 2801 NORTH STATE ROAD 7H  
MARGATE, FL 33063  
PHONE NO.: 954.974.0400  
CONTACT NAME: MITCH HAUSMANN  
CONTACT E-MAIL ADDRESS: MITCH.HAUSMANN@HCAHEALTHCARE.COM

PROJECT REPRESENTATIVE:  
ADDRESS: LITTLEJOHN ENGINEERING  
1615 EDGEWATER DRIVE, SUITE 200  
ORLANDO, FL 32804  
PHONE NO.: 407.975.1278  
CONTACT NAME: LENNIE ARNOLD  
CONTACT E-MAIL ADDRESS: larnold@leinc.com

**PROPOSED FEATURES LEGEND**

- BUILDING
- CONCRETE PAVEMENT
- CONCRETE SIDEWALK
- HEAVY DUTY PAVEMENT
- LIGHT DUTY PAVEMENT
- PAINTED STRIPE
- CONCRETE CURB
- PROPERTY LINE



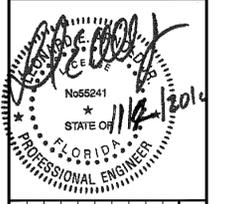
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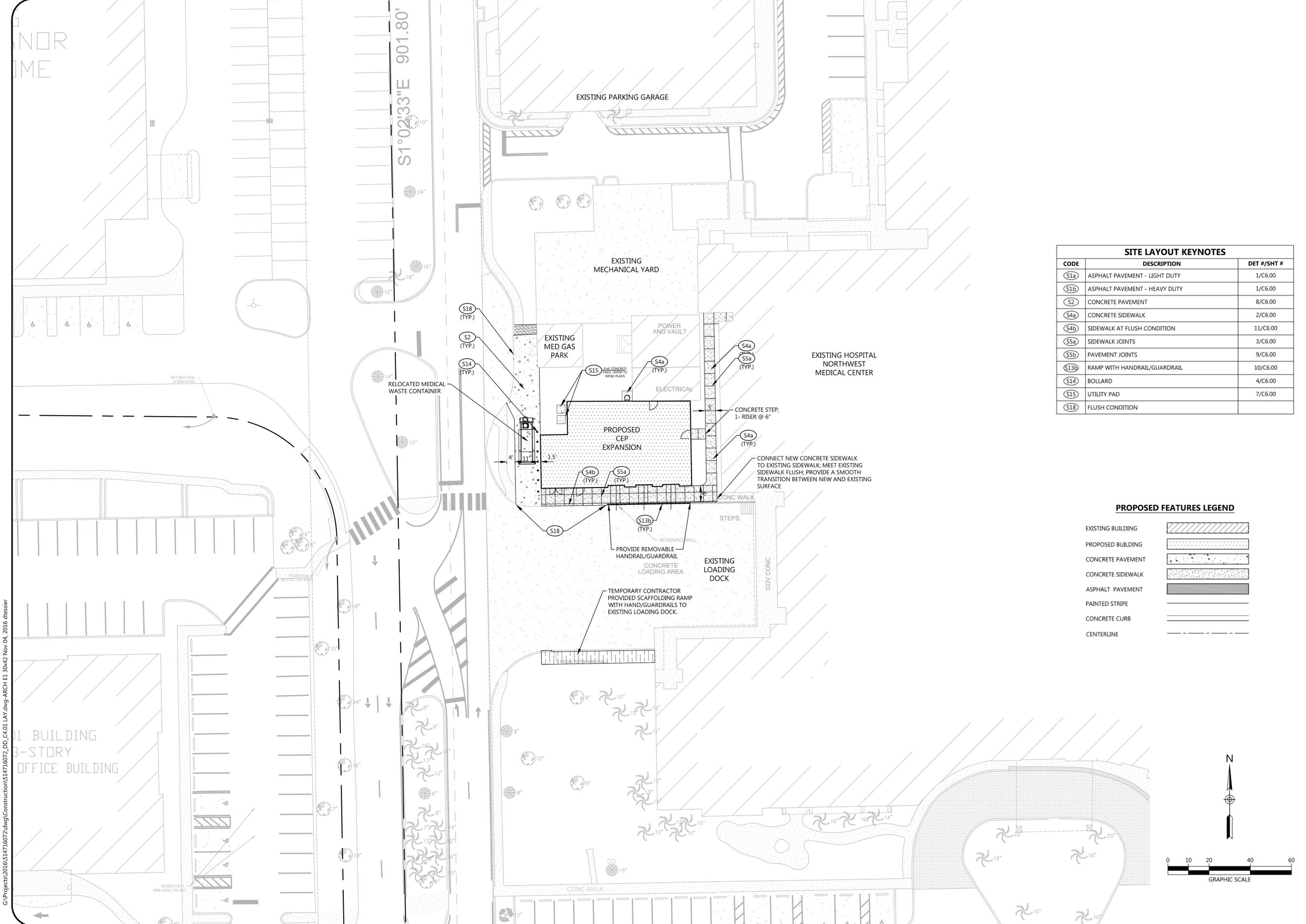
NO.	DATE	CITY DRC SUBMITTAL	DT	BY	CHK	CA	APV
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PROJECT NUMBER  
**514716072**

DRAWING NUMBER  
**C4.00**

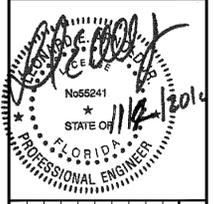
DRAWING NAME  
**OVERALL  
SITE LAYOUT**





SITE LAYOUT KEYNOTES		
CODE	DESCRIPTION	DET #/SHT #
S1a	ASPHALT PAVEMENT - LIGHT DUTY	1/C6.00
S1b	ASPHALT PAVEMENT - HEAVY DUTY	1/C6.00
S2	CONCRETE PAVEMENT	8/C6.00
S4a	CONCRETE SIDEWALK	2/C6.00
S4b	SIDEWALK AT FLUSH CONDITION	11/C6.00
S5a	SIDEWALK JOINTS	3/C6.00
S5b	PAVEMENT JOINTS	9/C6.00
S13b	RAMP WITH HANDRAIL/GUARDRAIL	10/C6.00
S14	BOLLARD	4/C6.00
S15	UTILITY PAD	7/C6.00
S18	FLUSH CONDITION	

PROPOSED FEATURES LEGEND	
EXISTING BUILDING	
PROPOSED BUILDING	
CONCRETE PAVEMENT	
CONCRETE SIDEWALK	
ASPHALT PAVEMENT	
PAINTED STRIPE	
CONCRETE CURB	
CENTERLINE	



NO.	DATE	DESCRIPTION	BY	CHK	CA	APV
1	11/4/2016	CITY DRC SUBMITTAL				

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1 BUILDING  
3-STORY  
OFFICE BUILDING

SEWER ES&T  
CRB. 2/20/06, PGS. 0/1

SET AND NAIL  
8 DISK #3091

S1°02'33"E 901.80'

EXISTING PARKING GARAGE

EXISTING MECHANICAL YARD

EXISTING MED GAS PARK

EXISTING HOSPITAL  
NORTHWEST  
MEDICAL CENTER

PROPOSED  
CEP  
EXPANSION

RELOCATED MEDICAL  
WASTE CONTAINER

POWER  
AND VAULT

ELECTRICAL

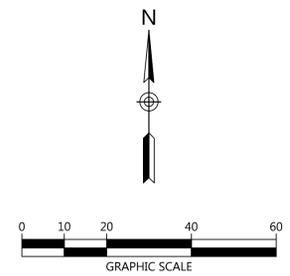
CONCRETE STEP:  
1- RISER @ 6"

CONNECT NEW CONCRETE SIDEWALK  
TO EXISTING SIDEWALK; MEET EXISTING  
SIDEWALK FLUSH; PROVIDE A SMOOTH  
TRANSITION BETWEEN NEW AND EXISTING  
SURFACE

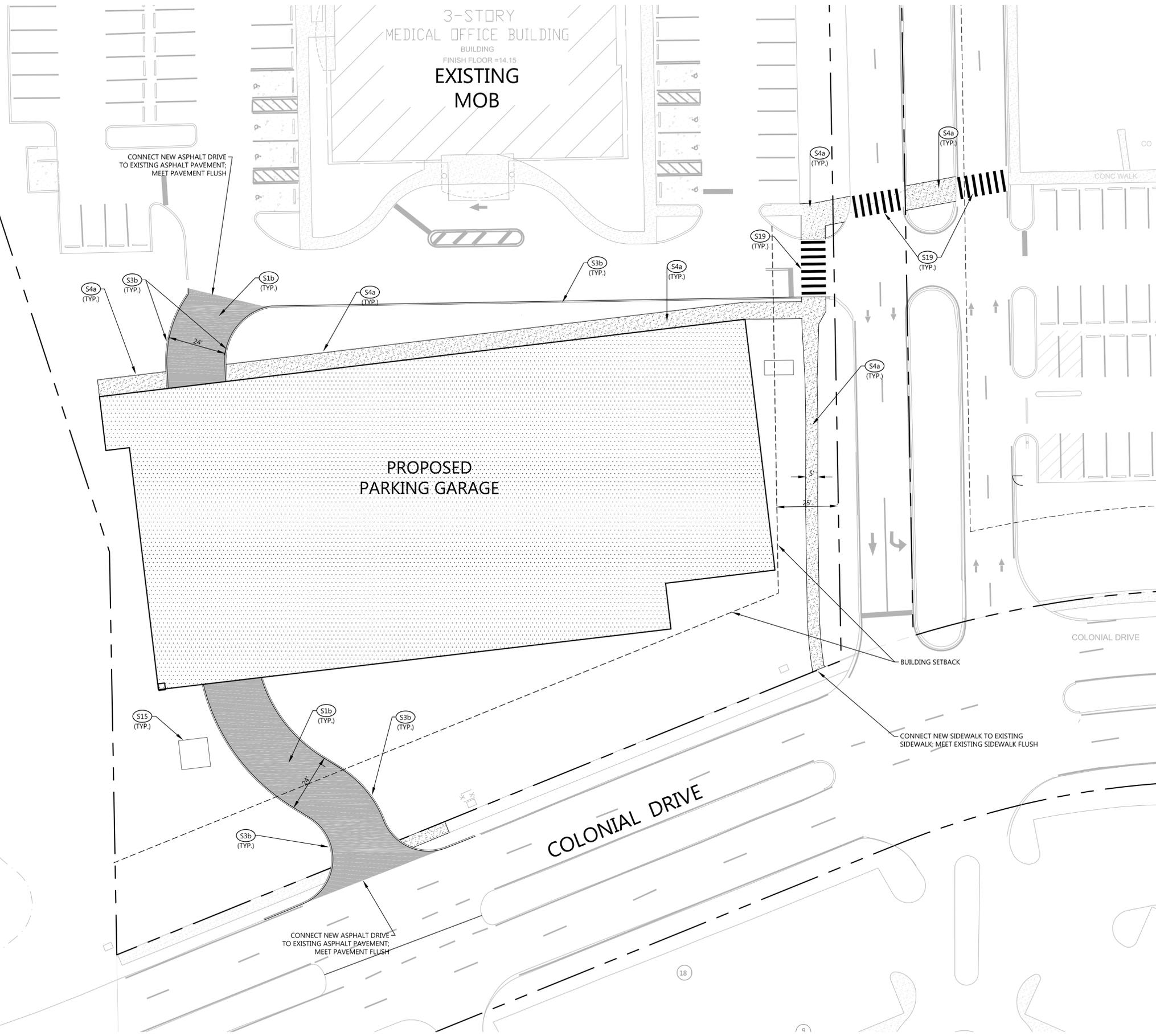
PROVIDE REMOVABLE  
HANDRAIL/GUARDRAIL  
CONCRETE  
LOADING AREA

TEMPORARY CONTRACTOR  
PROVIDED SCAFFOLDING RAMP  
WITH HAND/GUARDRAILS TO  
EXISTING LOADING DOCK.

EXISTING  
LOADING  
DOCK



G:\Projects\2016\514716072\dwg\Construction\Parking Garage\514716072\_S\_C4.01.LAY.dwg SITE LAYOUT PLAN Nov 04, 2016 dlessier



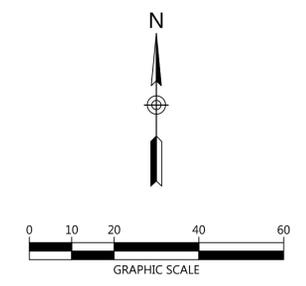
**SITE LAYOUT KEYNOTES**

CODE	DESCRIPTION	DET #/SHT #
S1a	ASPHALT PAVEMENT - LIGHT DUTY	1/C6.00
S1b	ASPHALT PAVEMENT - HEAVY DUTY	1/C6.00
S2	CONCRETE PAVEMENT	8/C6.00
S3b	CONCRETE POST CURB	12/C6.00
S4a	CONCRETE SIDEWALK	2/C6.00
S4b	SIDEWALK AT FLUSH CONDITION	11/C6.00
S5a	SIDEWALK JOINTS	3/C6.00
S5b	PAVEMENT JOINTS	9/C6.00
S13b	RAMP WITH HANDRAIL/GUARDRAIL	10/C6.00
S14	BOLLARD	4/C6.00
S15	UTILITY PAD; REFER TO MP&E PLANS	7/C6.00
S18	FLUSH CONDITION	
S19	PEDESTRIAN CROSSWALK	1/C6.01

**PROPOSED FEATURES LEGEND**

BUILDING	
CONCRETE PAVEMENT	
CONCRETE SIDEWALK	
HEAVY DUTY PAVEMENT	
LIGHT DUTY PAVEMENT	
TACTILE WARNING	
PAINTED STRIPE	
CONCRETE CURB	
CENTERLINE	

**NOTE**  
1. SEE SHEET C200 FOR GENERAL NOTES



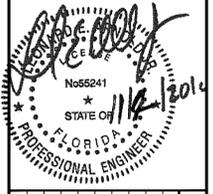
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Margate, Broward County, Florida



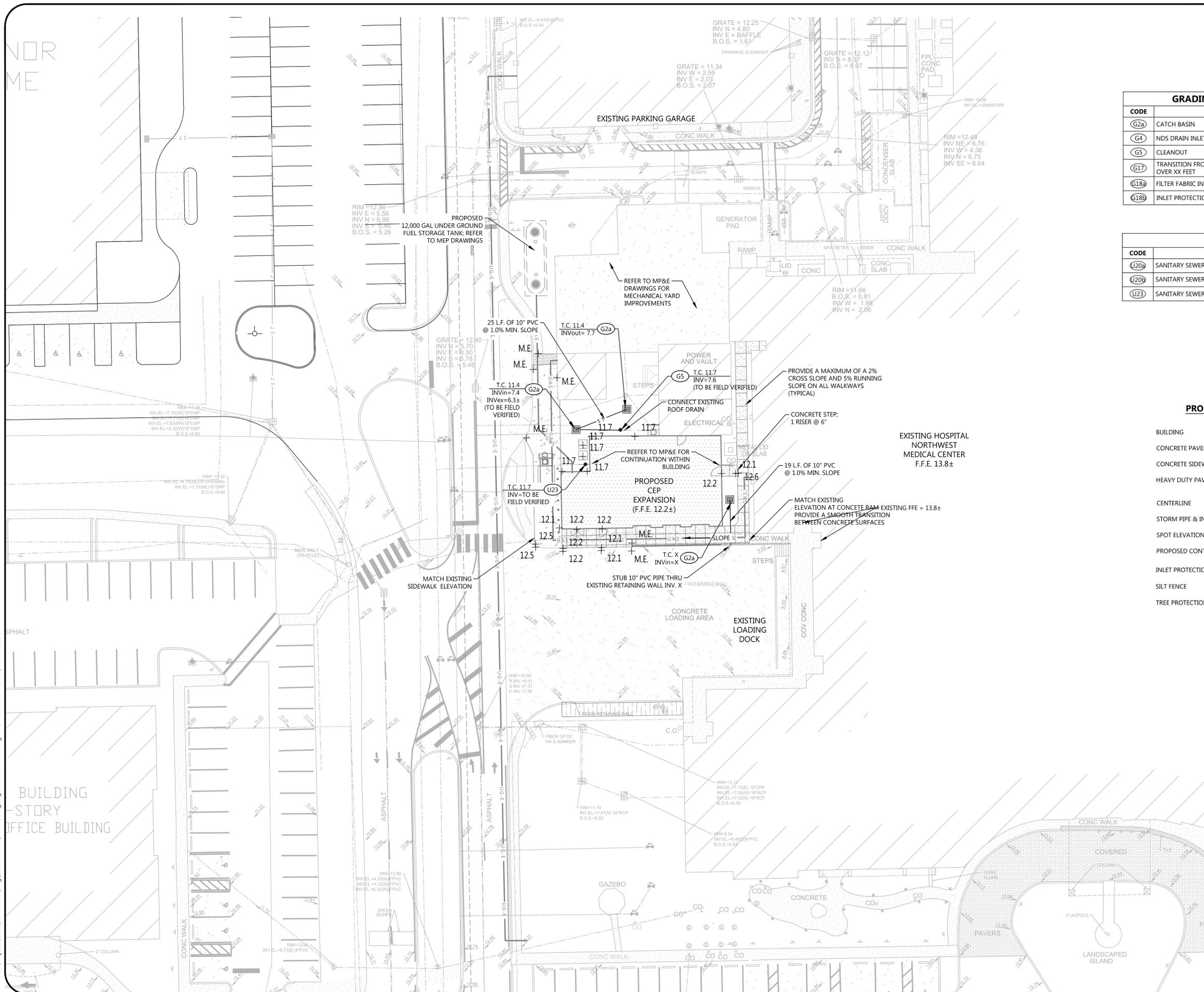
NO.	DATE	CITY DRC SUBMITTAL	DT	CA	APV
1	11/4/2016				

PROJECT NUMBER  
**514716072**

DRAWING NUMBER  
**C4.03**

DRAWING NAME  
**SITE LAYOUT PLAN**

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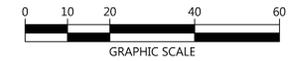


GRADING & DRAINAGE KEYNOTES		
CODE	DESCRIPTION	DET #/SHT #
G2a	CATCH BASIN	5/C6.00
G4	NDS DRAIN INLET	
G5	CLEANOUT	6/C6.00
G17	TRANSITION FROM FLUSH CONDITION TO 6" CURB OVER XX FEET	
E18a	FILTER FABRIC INLET PROTECTION	
E18b	INLET PROTECTION	

UTILITY KEYNOTES		
CODE	DESCRIPTION	DET #/SHT #
U20a	SANITARY SEWER LINE (SPECIFY SIZE)	
U20b	SANITARY SEWER LINE (SPECIFY SIZE)	
U23	SANITARY SEWER CLEANOUT	6/C6.00

**PROPOSED FEATURES LEGEND**

- BUILDING
- CONCRETE PAVEMENT
- CONCRETE SIDEWALK
- HEAVY DUTY PAVEMENT
- CENTERLINE
- STORM PIPE & INLET
- SPOT ELEVATION
- PROPOSED CONTOUR
- INLET PROTECTION
- SILT FENCE
- TREE PROTECTION

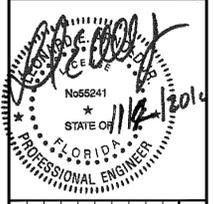


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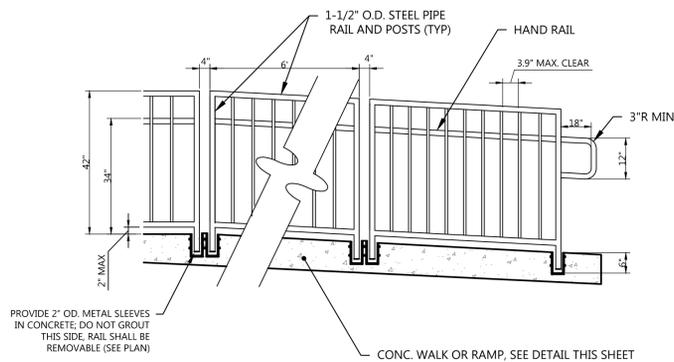
NO.	DATE	DESCRIPTION	BY	CHK	AW	CA
1	11/14/2016	CITY DRC SUBMITTAL				

PROJECT NUMBER  
**514716072**

DRAWING NUMBER  
**C5.00**

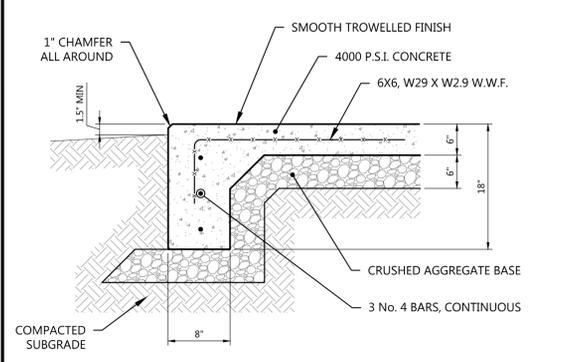
DRAWING NAME  
**GRADING, UTILITY & DRAINAGE PLAN**





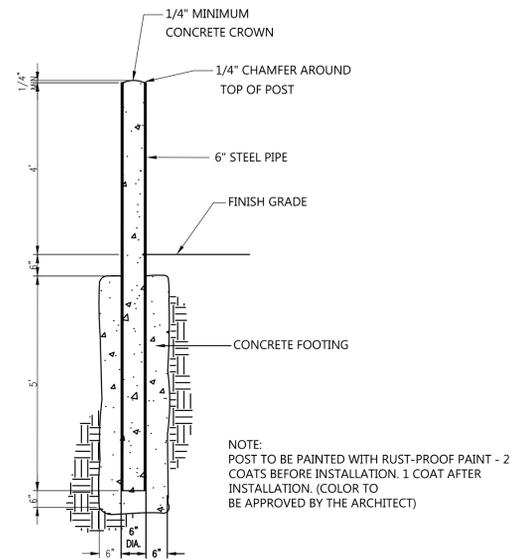
- NOTES:
1. PROVIDE 3'-6" HIGH 1-1/2" O.D. GUARD RAIL AT ELEVATION DROPS GREATER THAN 30". MAXIMUM VERTICAL PICKET SPACING SHALL BE 4", ON CENTER.
  2. VARIATIONS IN GUARD RAIL HEIGHT SHALL NOT BE ALLOWED.
  3. MAXIMUM CLEARANCE BETWEEN BOTTOM RAIL AND CONCRETE SHALL BE 2". GUARD RAIL SHALL BE SMOOTH-FINISHED, ALL WELDED SURFACES PRIMED AND PAINTED WITH TWO COATS OF ENAMEL. COLOR TO BE SELECTED BY ARCHITECT.
  4. PROVED HAND RAIL WITH GUARD RAIL AT ALL WALKS GREATER THAN 5" SLOPE.

**10** GUARD RAIL WITH HAND RAIL  
NO SCALE



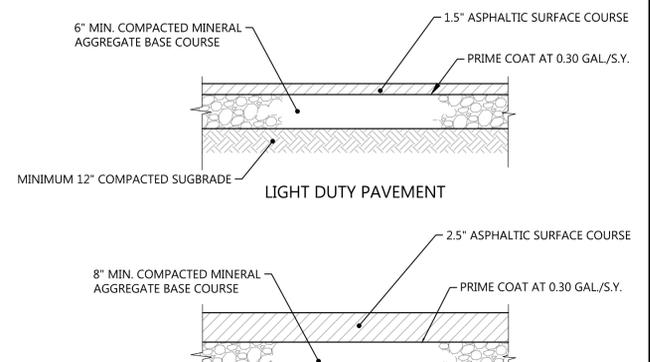
- NOTE: COORDINATE UTILITY PAD DESIGN WITH MECHANICAL ENGINEER, EQUIPMENT MANUFACTURER, AND STRUCTURAL ENGINEER.
- NOTES:
1. REFER TO PLANS FOR SLAB SIZE.
  2. PROVIDE 1/2" EXPANSION JOINT WHERE ADJACENT TO RIGID MATERIAL.
  3. SLOPE SLAB 1% MIN, 2% MAX.

**7** UTILITY PAD  
NO SCALE



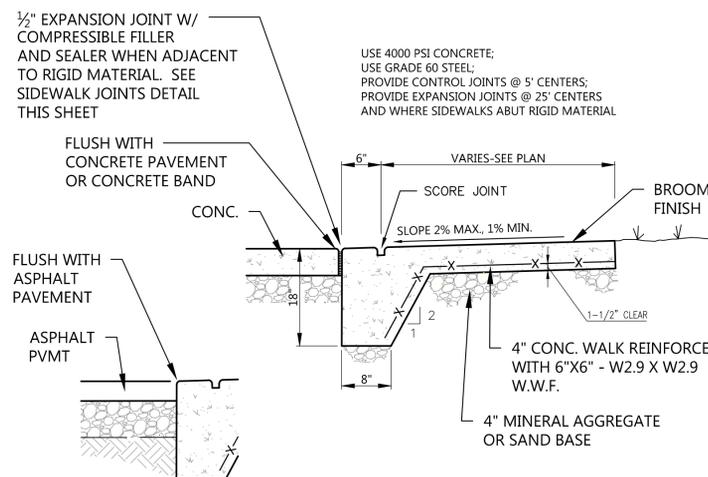
- NOTE: POST TO BE PAINTED WITH RUST-PROOF PAINT - 2 COATS BEFORE INSTALLATION. 1 COAT AFTER INSTALLATION. (COLOR TO BE APPROVED BY THE ARCHITECT)

**4** BOLLARD  
NOT TO SCALE

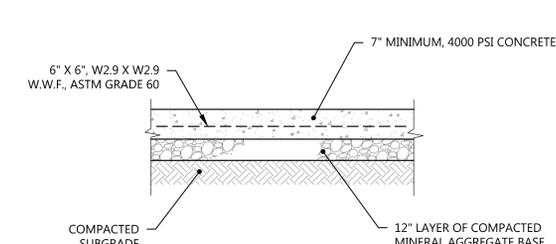


- NOTE: REFER TO GEOTECHNICAL EXPLORATION REPORT BY TERRACON CONSULTANTS, INC., DATED OCTOBER 4, 2016 (PROJECT NO. H8165066)
- NOTE: ON ALL EXISTING PAVEMENT REPAIR OR REPLACEMENT USE THE PAVEMENT SECTIONS SHOWN ABOVE OR MATCH THE EXISTING SECTION, WHICHEVER IS GREATER.

**1** ASPHALT PAVEMENT  
NO SCALE



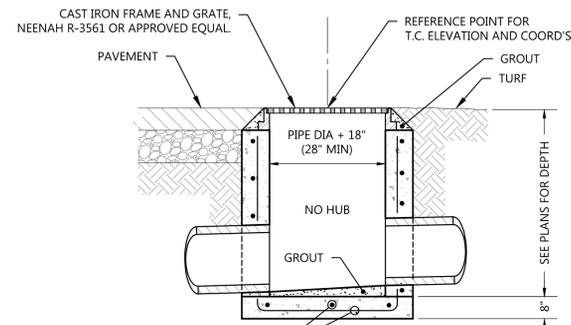
**11** SIDEWALK AT FLUSH CONDITION  
NOT TO SCALE



- NOTE: REFER TO GEOTECHNICAL EXPLORATION REPORT BY TERRACON CONSULTANTS, INC., DATED OCTOBER 4, 2016 (PROJECT NO. H8165066)

- NOTE: REINFORCING STEEL SHALL BE ASTM GRADE 60.

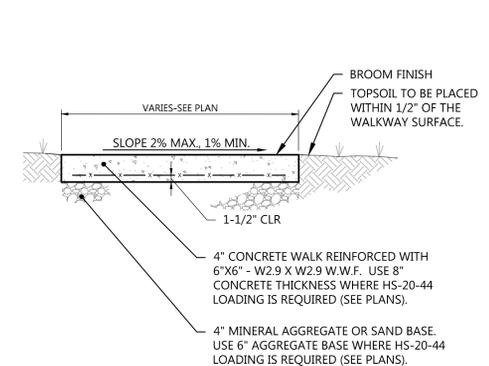
**8** CONCRETE PAVEMENT  
NO SCALE



- No. 4 BARS (ASTM GRADE 60) ON 8" CENTERS, EACH WAY, TYP. FOR WALLS AND FLOOR.

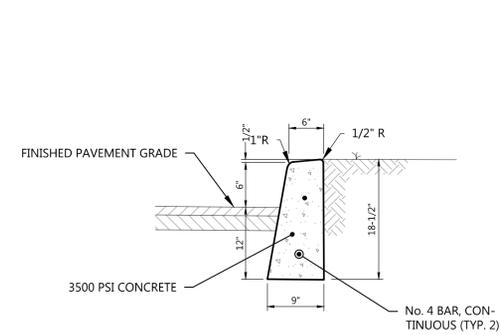
- NOTES:
1. CONCRETE SHALL DEVELOP A COMPRESSIVE STRENGTH OF 3500 PSI AT 28 DAYS CURE.
  2. PROVIDE REDUCER RING(S) AS NECESSARY TO ACCOMMODATE THE PROPOSED CASTING.
  3. ADJUST STRUCTURE DIMENSIONS AS REQUIRED TO RECEIVE STORM PIPE AT OBLIQUE ANGLES.

**5** CATCH BASIN  
NO SCALE

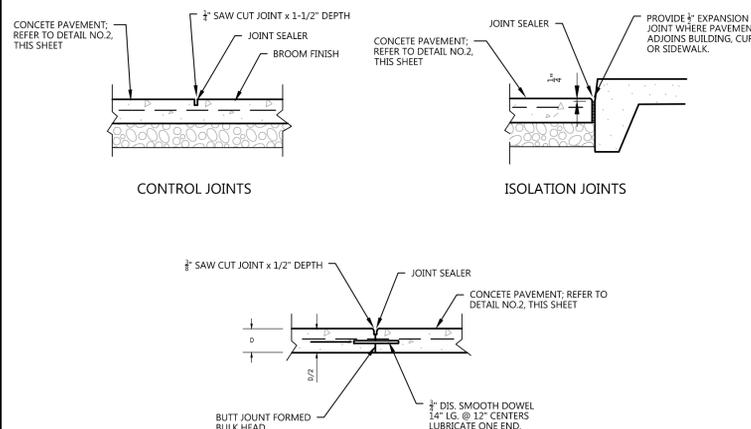


- NOTES:
1. USE 4000 PSI CONCRETE AND GRADE 60 STEEL.
  2. PROVIDE CONTROL JOINTS 5' APART AND EXPANSION JOINTS 25' APART, AND WHERE SIDEWALKS ABUT RIGID MATERIALS.

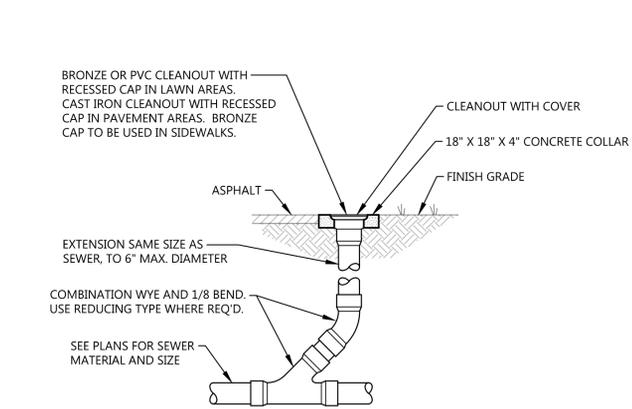
**2** CONCRETE SIDEWALK  
NO SCALE



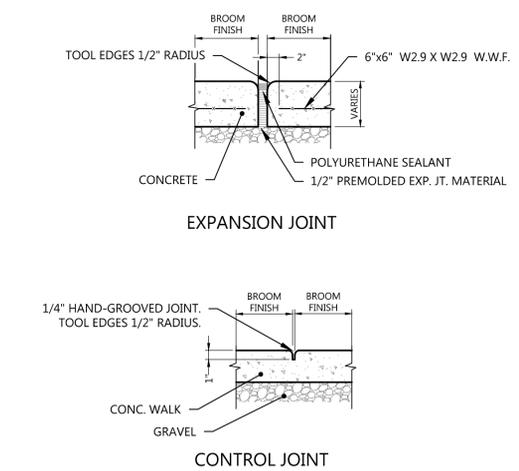
**12** CONCRETE POST CURB  
NO SCALE



**9** PAVEMENT JOINTS  
NOT TO SCALE



**6** CLEANOUT  
NO SCALE



**3** SIDEWALK JOINTS  
NO SCALE

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No. 55241  
STATE OF FLORIDA

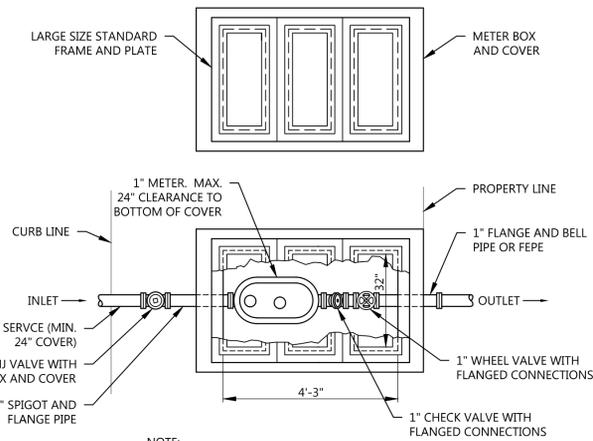
NO.	DATE	DESCRIPTION	BY	CHK	AW	CA
1	11/14/2016	CITY DRC SUBMITTAL				

PROJECT NUMBER  
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DRAWING NUMBER  
**C6.00**

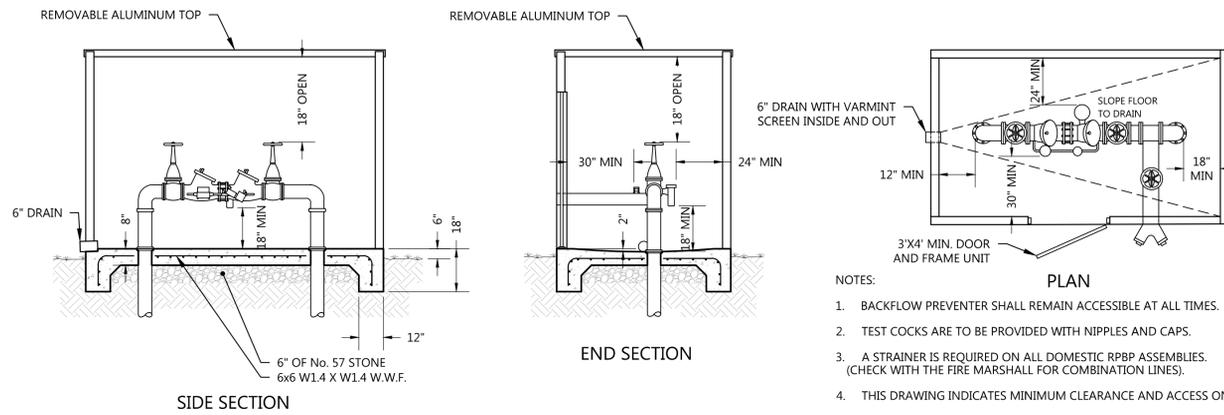
DRAWING NAME  
SITE DETAILS

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NOTE:  
METERS ARE TESTED ANNUALLY AND A SHUT-OFF OF SERVICE WILL BE NECESSARY. IF INTERRUPTED WATER SERVICE PRESENTS A PROBLEM WE RECOMMEND A BATTERY INSTALLATION FOR YOUR WATER METERS.

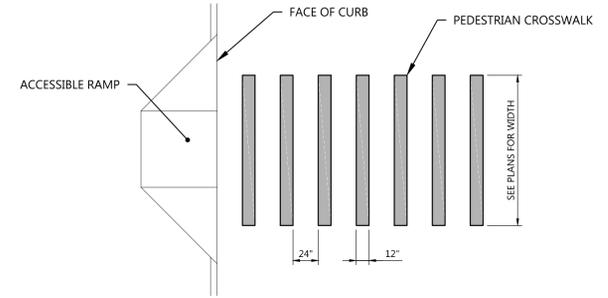
**1" WATER METER**  
NO SCALE



- PLAN
- NOTES:
- BACKFLOW PREVENTER SHALL REMAIN ACCESSIBLE AT ALL TIMES.
  - TEST COCKS ARE TO BE PROVIDED WITH NIPPLES AND CAPS.
  - A STRAINER IS REQUIRED ON ALL DOMESTIC RPBP ASSEMBLIES. (CHECK WITH THE FIRE MARSHALL FOR COMBINATION LINES).
  - THIS DRAWING INDICATES MINIMUM CLEARANCE AND ACCESS ONLY.
  - SECURITY PROCEDURES MAY BE DESIRABLE.
  - INSULATION/HEAT RECOMMENDED TO PREVENT FREEZING.
  - WALL CONSTRUCTION AND OUTSIDE FINISH IS OPTION WITH OWNER.
  - RISING STEM VALVES (OS&Y) ARE TO BE INSTALLED ON ALL FIRE LINES.
  - A REMOTE READER SHALL BE INSTALLED ON ALL DETECTOR BYPASS UNITS.
  - THE REMOTE READER SHALL BE INSTALLED THROUGH OUTSIDE WALL.

INSTALL ALL ITEMS ACCORDING TO MANUFACTURERS SPECIFICATIONS

**DOUBLE DETECTING CHECK VALVE**  
NO SCALE



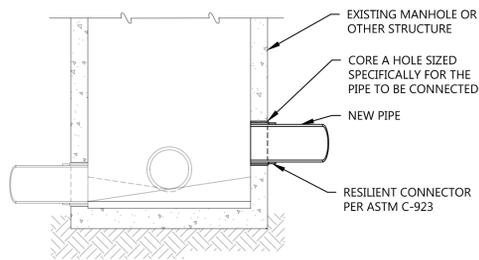
- NOTES:
- THE PEDESTRIAN CROSSWALK SHALL BE IN COMPLIANCE WITH ADAAG 403.3.
  - MARKINGS SHALL BE SOLID WHITE PAINTED ON ASPHALT.
  - PAINT 12" WIDE STRIPES AS INDICATED. USE PORTER "TRAFFIC WHITE" PAINT OR APPROVED EQUAL.

**PEDESTRIAN CROSSWALK**  
NO SCALE

9

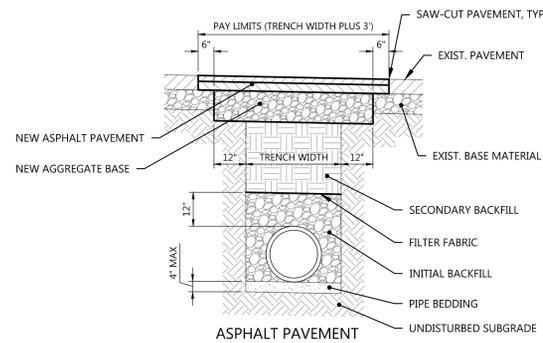
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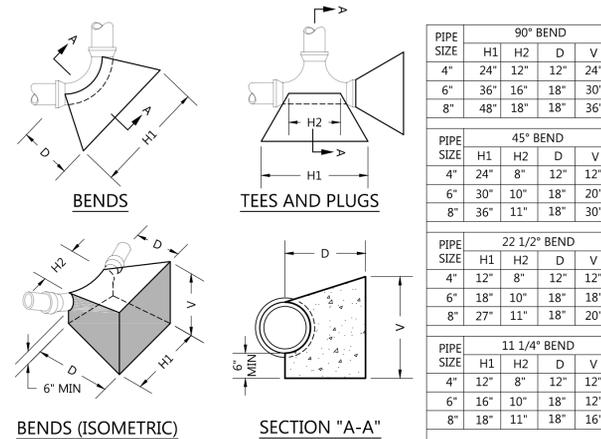
CONNECTION TO THE MANHOLE SHALL ONLY BE MADE BY THE CORING AND RESILIENT SEAL METHOD

**CORED CONNECTION TO AN EXISTING STRUCTURE**  
NO SCALE



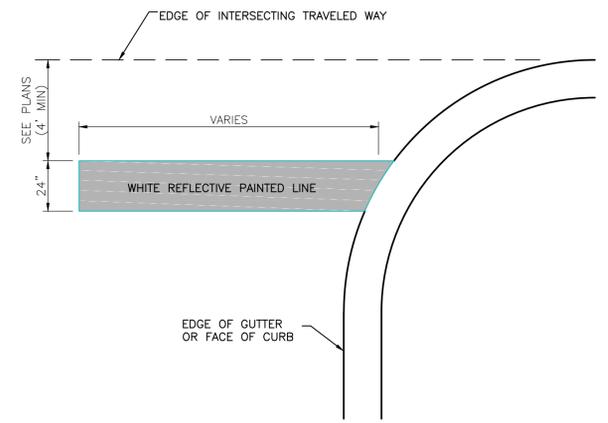
- NOTES:
- THE NEW ASPHALT PAVEMENT SHALL BE OF THE SAME TYPE AND, AT A MINIMUM, THE SAME THICKNESS AS THE EXISTING ASPHALT PAVEMENT.
  - THE NEW AGGREGATE BASE SHALL BE AT LEAST 1.5 TIMES THE THICKNESS OF THE EXISTING AGGREGATE BASE (6" MINIMUM).

**PAVEMENT TRENCH REPAIR**  
NO SCALE



NOTE:  
DIMENSIONS ARE BASED ON A SOIL BEARING CAPACITY OF 1000 PSF AND WATER PRESSURE OF 150 PSI (100 PSI + 50% FOR WATER HAMMER).

**THRUST BLOCKING**  
NO SCALE

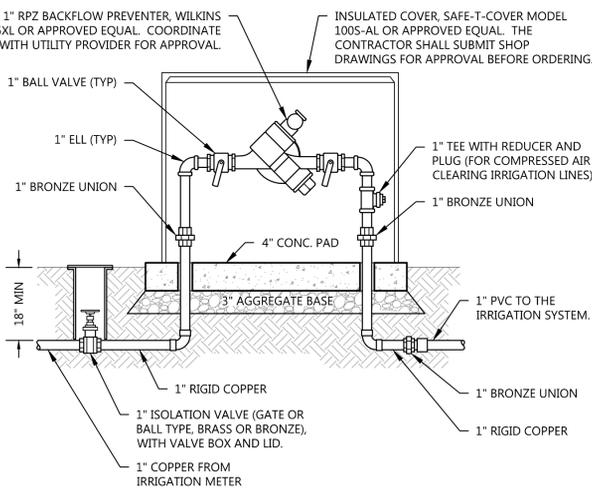


**PAINTED STOP LINE**  
NOT TO SCALE

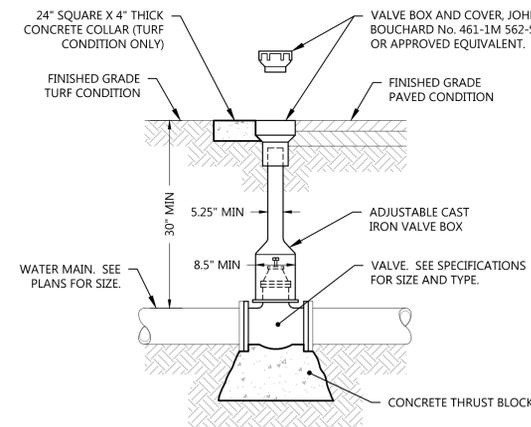
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7

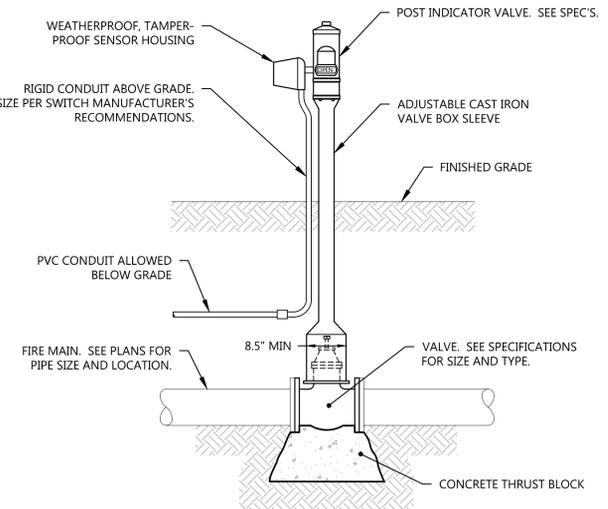
2



**1" BACKFLOW PREVENTER**  
NO SCALE



**GATE VALVE AND BOX**  
NO SCALE



**POST INDICATOR VALVE**  
NO SCALE

11

**RESERVED**  
NOT TO SCALE

NO.	DATE	DESCRIPTION	BY	CHK	CA	APV
1	11/4/2016	CITY DRC SUBMITTAL	DT			

PROJECT NUMBER  
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DRAWING NUMBER  
**C6.01**

DRAWING NAME  
**SITE DETAILS**