

#### DEPARTMENT OF PLANNING



2600 Hollywood Boulevard Room 315 Hollywood, FL 33022 File No. (internal use only):\_

SEP - 1 2016

# GENERAL APPLICATION GENERA



Tel: (954) 921-3471 Fax: (954) 921-3347

This application must be completed in full and submitted with all documents to be placed on a Board or Committee's agenda.

The applicant is responsible for obtaining the appropriate checklist for each type of application.

Applicant(s) or their authorized legal agent must be present at all Board or Committee meetings.

At least one set of the submitted plans for each application must be signed and sealed (i.e. Architect or Engineer).

Documents and forms can be accessed on the City's website at http://www.hollywoodfl.org/DocumentCenter/Home/View/21



•	00022
S111064	APPLICATION TYPE (CHECK ONE):
State Substa	☐ Technical Advisory Committee ☐ Historic Preservation Board
C/25/25/20	☐ Planning and Development Board
250 1 1 20 E	Date of Application: 9/1/20/6
100000000000000000000000000000000000000	Location Address: 1818 - 1843 Hollywood BLVD
Security of	Lot(s): 1-14 INCUSIVE Block(s): 40 Subdivision: HOLLTWOOD
TOWNSON.	
THE PASS	Folio Number(s): 5142I5 - 01 - 778, 5142I5 - 01 - 7790, 5142I5 - 01 - 7810, 5142I5 - 07 - 7810, 5142I5 - 0
March Cont.	Existing Property Use: Not Occupied Sq Ft/Number of Units: NA
Supplied in	Is the request the result of a violation notice? ( ) Yes ( ) No If yes, attach a copy of violation.
Detail 1997	Has this property been presented to the City before? If yes, check al that apply and provide File
Carrie Carrie	Number(s) and Resolution(s): R 2005 - 366, 02 - CD MPV - 160 (A), 02 - CD MPV - 160 (A)
SALT MAN	☐ Economic Roundtable ☐ Technical Advisory Committee ☐ Historic Preservation Board
ALC: NO	☑ City Commission ☑ Planning and Development
N. 20 N	Explanation of Request: SITE PLAN AMENDMENT NO CHANCE TO
A GREEN	CERTIFICATE OF APPROPRIATENESS FOR PARTIAL DEMOLITION
AND AND	Number of units/rooms: APARTMENTS 166 HOTEL 103 Sq Ft:
	Value of Improvement: 46 000 000 Estimated Date of Completion: 01/2019
SECTION SECTION	Will Project be Phased? ( ) Yes (VNo If Phased, Estimated Completion of Each Phase
2 Sec. (2)	
SEATING.	Name of Current Property Owner: BLOCK 40 LLC
	Address of Property Owner: 290 N FEDERAL HIGHWAY HOLLY WOOD, FL, 33020
	Telephone: 954 448 7951 Fax: 954 448 7966 Email Address: cabele@qcfrc.com
	Name of Consultant/Representative/Tenant (circle one): WILSON ATKINSON, Dimitra Paraikon
	Address: 110 SE Sixth Street, Suite 1500 F+ Landod Le Telephone: 954 525 7500
	Fax: 954 761 8475 Email Address: wca Plipp Scott.com
	Date of Purchase: NA Is there an option to purchase the Property? Yes ( ) No (V
	If Yes, Attach Copy of the Contract. PROPERTY OWNED BY BLOCK 40 for over 10 years
	List Anyone Else Who Should Receive Notice of the Hearing: WILSON ATKINSON
	Address:
	- 4 A L L

#### DEPARTMENT OF PLANNING



2600 Hollywood Boulevard Room 315 Hollywood, FL 33022

#### RECEIVED

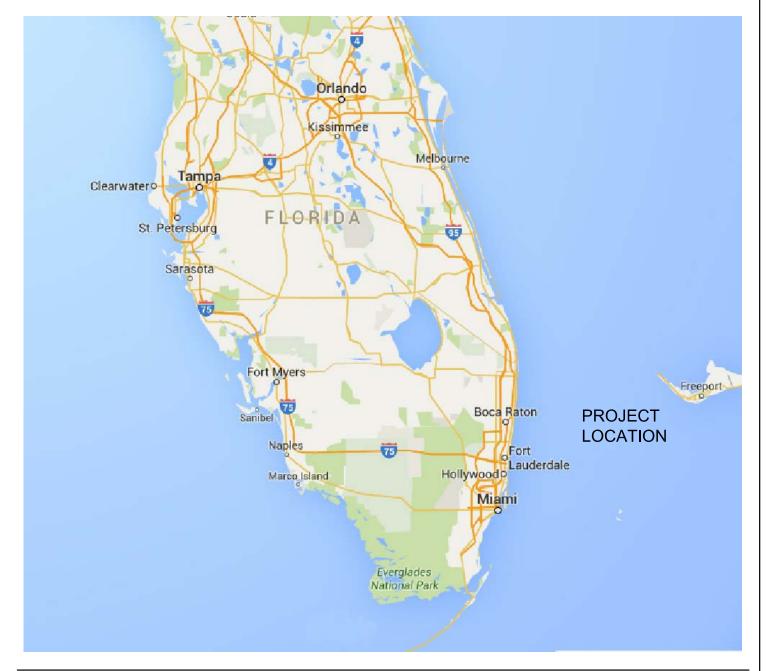
GENERAL APPLICATION OFFICE OF PLANNING

#### CERTIFICATION OF COMPLIANCE WITH APPLICABLE REGULATIONS

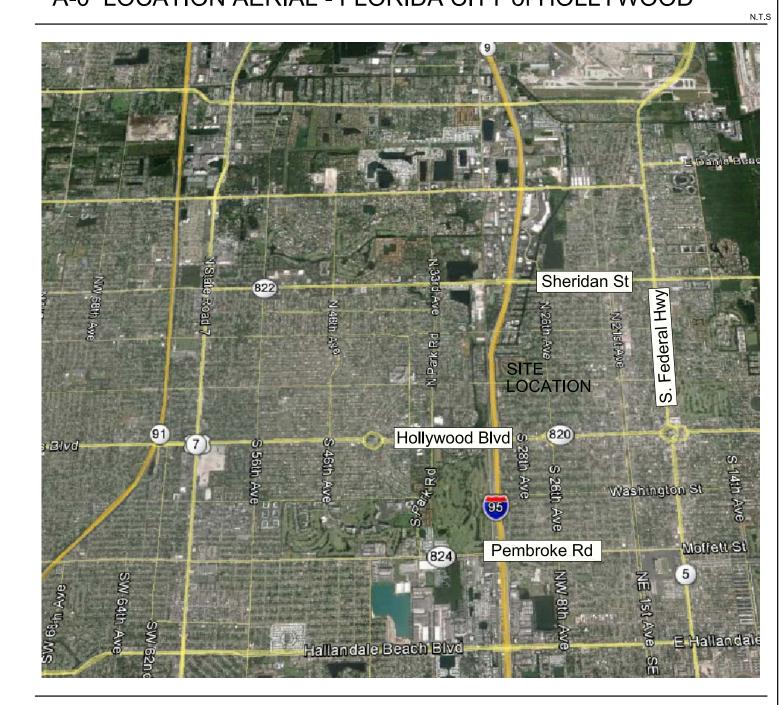
The applicant/owner(s) signature certifies that he/she has been made aware of the criteria, regulations and guidelines applicable to the request. This information can be obtained in Room 315 of City Hall or on our website at <a href="https://www.hollywoodfl.org">www.hollywoodfl.org</a>. The owner(s) further certifies that when required by applicable law, including but not limited to the City's Zoning and Land Development Regulations, they will post the site with a sign provided by the Office of Planning and Development Services. The owner(s) will photograph the sign the day of posting and submit photographs to the Office of Planning and Development Services as required by applicable law. Failure to post the sign will result in violation of State and Municipal Notification Requirements and Laws.

(I)(We) certify that (I) (we) understand and will comply with the provisions and regulations of the City's Zoning and Land Development Regulations, Design Guidelines, Design Guidelines for Historic Properties and City's Comprehensive Plan as they apply to this project. (I)(We) further certify that the above statements and drawings made on any paper or plans submitted herewith are true to the best of (my)(our) knowledge. (I)(We) understand that the application and attachments become part of the official public records of the City and are not returnable. Date: 9-1-2016 Signature of Current Owner: PRINT NAME: Charles R. Abele Ja Date: 9-1-2016 Date: 9-1-2016 Signature of Consultant/Representative: PRINT NAME: DIMITRI PAPAIKONOMOM Date: 9-1-2016 Signature of Tenant: Date: PRINT NAME: Date: **CURRENT OWNER POWER OF ATTORNEY** I am the current owner of the described real property and that I am aware of the nature and effect the request for to my property, which is hereby made by me or I (project description) am hereby authorizing (name of the representative) representative before the (Board and/or Committee) relative to all matters concerning this application. Sworn to and subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ SIGNATURE OF CURRENT OWNER Notary Public State of Florida PRINT NAME

My Commission Expires: (Check One) Personally known to me; OR



# A-0 LOCATION AERIAL - FLORIDA CITY of HOLLYWOOD



# A-1 SITE AERIAL LOCATION

A-000	COVER SHEET
S-1 S-2	BOUNDARY SURVEY SHEET TOPOGRAPHIC SURVEY SHEET
C-1 C-2 C-3 C-4 C-5 C-6 C-7 C-8 C-9 C-10 C-11 C-12 C-13 C-14 C-15	COVER SHEET GENERAL NOTES & SPECIFICATIONS DEMOLITION PLAN PAVING & GRADING PLAN WATER \$ SEWER PLAN EROSION CONTROL PLAN PAVEMENT MARKING & SIGNAGE PAVING & GRADING DETAILS PAVING & GRADING DETAILS PAVING & GRADING DETAILS TYPICAL SECTIONS WATER & SEWER DETAILS WATER \$ SEWER DETAILS SANITARY SEWER PROFILE
T-1 L-1 L-2 L-3 L-4 P-1 P-2 P-3 P-4	GROUND LEVEL - EXISTING TREE PLAN GROUND LEVEL - HARDSCAPE PLAN GROUND LEVEL - HARDSCAPE PLAN LEVEL 8 - HARDSCAPE PLAN ROOF LEVEL - HARDSCAPE PLAN GROUND LEVEL - PLANTING PLAN GROUND LEVEL - PLANTING PLAN LEVEL 8 - PLANTING PLAN ROOF LEVEL - PLANTING PLAN
A-001 A-100 A-100.1 A-101	TABLES AND GENERAL NOTES DIAGRAMMATIC SITE PLAN SITE PLAN LEVEL 1 FLOOR PLAN

A-2 SHEET INDEX

LEVEL 2 FLOOR PLAN LEVEL 3 FLOOR PLAN A-104 LEVEL 4 FLOOR PLAN A-105 LEVEL 5-6 FLOOR PLAN A-106 LEVEL 7 FLOOR PLAN A-107 LEVEL 8 FLOOR PLAN A-107-A LEVEL 8 FLOOR PLAN MEZZANINE A-108 LEVEL 9-18 FLOOR PLAN A-108-A LEVEL 19 FLOOR PLAN A-109 **ROOF DECK** A-110 **ROOF PLAN** A-201 NORTH ELEVATION A-202 EAST ELEVATION A-203 SOUTH ELEVATION A-204 WEST ELEVATION A-301 AERIAL RENDERING AERIAL A-302 COLOR RENDERINGS A-303 COLOR RENDERINGS A-401 STREET PROFILE

A-3 PROJECT TITLE

OWNER/DEVELOPER BLOCK 40 LLC 290 N FEDERAL HIGHWAY HOLLYWOOD, FL 33020 PH.: (954) 448-7951

CONTACT: DIMITRIS PAPAIKONOMOU

ARCHITECTURE

OBMI 806 DOUGLAS ROAD SOUTH TOWER, 4TH FLOOR CORAL GABLES, FL. 33134 PH.: (305) 537-7100

CONTACT: NEIL PATERSON

LANDSCAPE SCOTT C. HEYNEN RLA

1627 FUNSTON ST. HOLLYWOOD, FLORIDA 33020 TEL. 954.920.4945

CONTACT: SCOTT HEYNEN

ASSOCIATES, INC 3563 N.W. 53RD ST FORT LAUDERDALE, FL 33309 T.: 954.739.6400

**CRAVEN-THOMPSON AND** 

CONTACT: CHAD EDWARDS

CIVIL

CRAVEN-THOMPSON AND **ASSOCIATES, INC** 3563 N.W. 53RD ST FORT LAUDERDALE, FL 33309 T.: 954.739.6400 CONTACT: CHAD EDWARDS

SURVEYOR

TAC SITE PLAN REVIEW

10

DESTINATION CREATION URBAN LIFESTYLE ISLAND LIVING INSIDE DESIGN GREEN MATTERS

806 S. Douglas Road Suite 400 Coral Gables, FL 33134 www.obmi.com

T 305 445 7811 F 305 445 0997 Lic. # AA0003112

Antigua Bermuda British Virgin Islands Cayman Islands Trinidad & Tobago

DATE: REVISION:

08/31/2016 | TAC COMMENTS TAC COMMENTS

04/04/2016 TAC REVIEW

ARCHITECT: DOUGLAS A. KULIG AR 10807

BLOCK 40 CITY of HOLLYWOOD FLORIDA

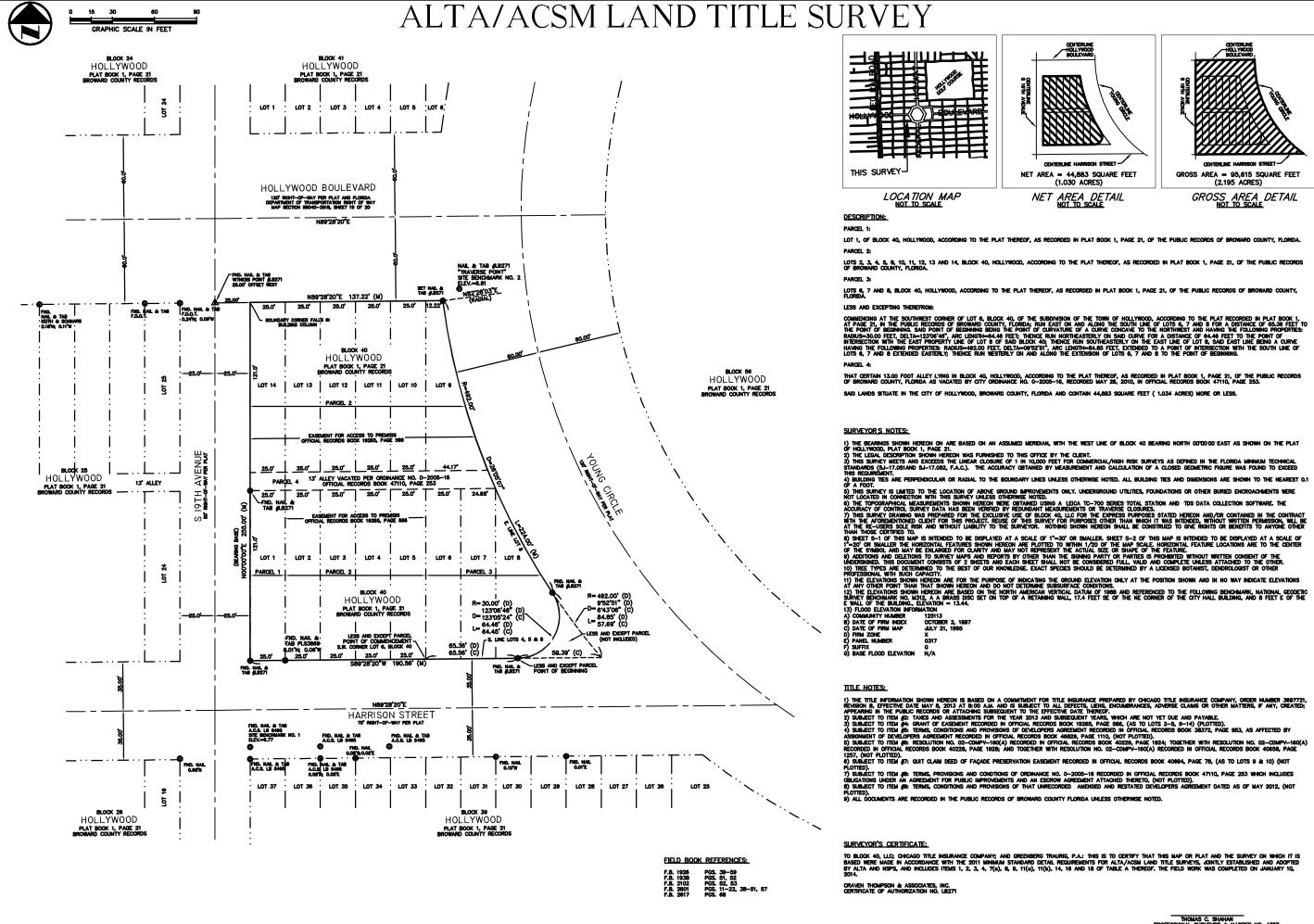
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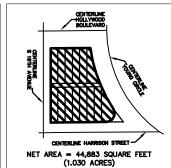
**COVER SHEET** 

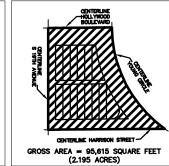
DRAWN BY: PROJECT #: MIA15008 CHECKED BY: SCALE: DRAWING #:

A-000

A-4 PROJECT CONTACTS







NET AREA DETAIL

GROSS AREA DETAIL

LOT 1, OF BLOCK 40, HOLLYWOOD, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 1, PAGE 21, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA

LOTS 2, 3, 4, 5, 9, 10, 11, 12, 13 AND 14, BLOCK 40, HOLLYWOOD, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 1, PAGE 21, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

COMMENCING AT THE SOUTHWEST CORNER OF LOT 6, BLOCK 40, OF THE SUBDIVISION OF THE TOWN OF HOLLYWOOD, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 1, AT PAGE 21, IN THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA' RUH EAST ON AND ALONG THE SOUTH LINE OF LOTS, 6, 7 AND 8 FOR A DISTANCE OF 63.36 FEET TO THE POINT OF BEDNANING, SUAD POINT OF BEGNANING BEING THE POINT OF CURVAVIEW OF ALONG THE SOUTH NORTHWEST AND HAVING THE FOLLOWING PROPERTIES. RADIUS—30.00 FEET, DELTA—12300F46°, ARC LENGTH—64.46 FEET; THENCE RUN NORTHEASTERLY ON SAID CURF FOR A DISTANCE OF 64.46 FEET TO THE POINT OF MERSECTION WITH THE AST PROPERTY LINE OF LOT 8 of \$AND BLOCK 40; THENCE RUN SOUTHEASTERLY ON THE ESST LINE OF 10°T, 8, 3AD EAST LINE BEING A CURVE HAVING THE FOLLOWING PROPERTIES: RADIUS—492.00 FEET, DELTA—09325°T, ARC LENGTH—64.85 FEET, EXTENDED TO A POINT OF INTERSECTION WITH THE SOUTH LINE OF LOTS 8, 7 AND 8 EXTENDED EASTERLY; THENCE RUN HAD ALONG THE EXTENSION OF 10°T, 8, 7AD EAST LINE BEING A CURVE

THAT CERTAIN 13.00 FOOT ALLEY LYING IN BLOCK 40, HOLLYWOOD, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 1, PAGE 21, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA AS VACATED BY CITY ORDINANCE NO. 0-2005-16, RECORDED MAY 28, 2010, IN OFFICIAL RECORDS BOOK 47110, PAGE 253.

NOT LOCATED IN CONNECTION WITH THIS SURVEY UNLESS CHIEFRINSE NOTED.

9) THE TOPOGRAPHICAL MEASUREMENTS SHOWN HEREON MERC BOTTAMED USING A LEICA TC-700 SERIES TOTAL STATION AND TIDS DATA COLLECTION SOFTWARE. THE ACCURACY OF CONTROL SURVEY DATA HAS BEEN VERRIED BY REDUNDANT MEASUREMENTS OR TRAVERSE CLOSURES.

7) THIS SURVEY DRAWING WAS PREPARED FOR THE EXCLUSIVE USE OF BLOCK 40, LLC FOR THE EXPRESS PURPOSES STATED HEREON AND/OR CONTAINED IN THE CONTRACT WITH THE AFGRENISHONED CLENT FOR THIS PROJECT, REUSE OF THIS SURVEY FOR PURPOSES OTHER THAN MICH IT WAS INTERDED, WITHOUT WRITTEN PERMISSION, WALL BY THE AFGRENISHONED CLENT FOR THIS PROJECT, REUSE OF THIS SURVEY FOR PURPOSES OTHER THAN MICH IT WAS INTERDED, WITHOUT WRITTEN PERMISSION, WALL BY THE AFGRENISHED TO GIVE RIGHTS OR BENEFITS TO ANYONE OTHER STATES.

TO BLOCK 40, LLC; CHICAGO TITLE INSURANCE COMPANY; AND GREENBERG TRAURIG, P.A.: THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCOMPANCE WITH THE 2011 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADDPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 7(a), 8, 9, 11(a), 11(b), 14, 16 AND 18 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON JANUARY 10, 2014.

THIS SURVEY MAP AND REPORT OR COPIES THEREOF ARE NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OR A UNIQUE ELECTRONIC SIGNATURE OF A FLORIDA LICENSED PROFESSIONAL SURVEYOR AND MAPPER UNDER CHAPTER RULES 6J-17.081 & 6J-17.082 FLORIDA ADMINISTRATIVE CODE.

COMMONS CIRCLE

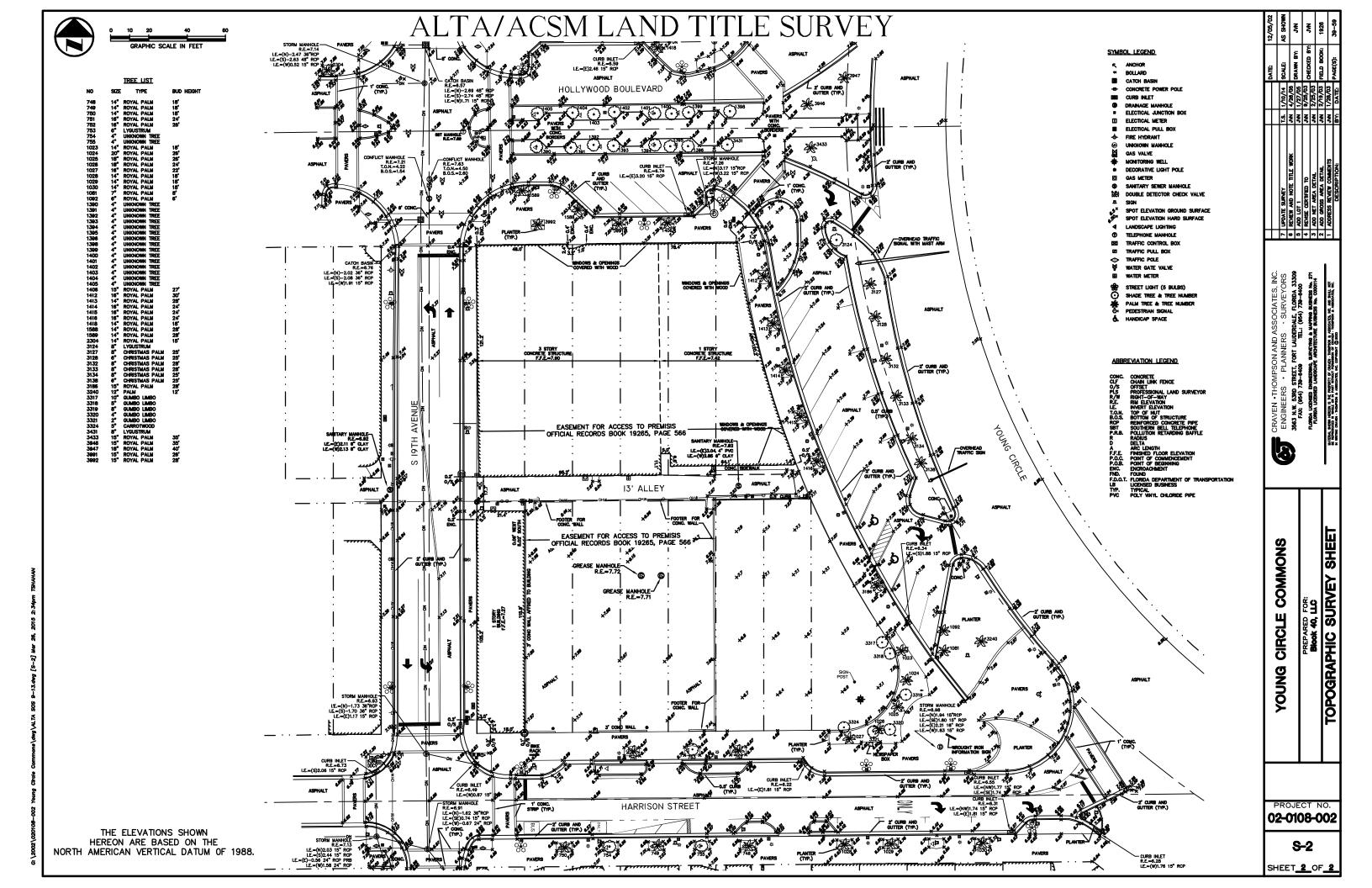
BOUNDARY SURVEY SHEE

YOUNG

PROJECT NO. 02-0108-002

**S-1** 

SHEET\_1\_OF\_2



# 2-0108-002-04 Hollywood Circle Block 40\Drawings\02-0108-COV.dwg [C-1] Sep 02, 2016 9: 34am CEDWAR

# YOUNG CIRCLE COMMONS - BLOCK 40 CIVIL ENGINEERING PLANS

# CITY OF HOLLYWOOD SECTION 15, TOWNSHIP 51 SOUTH, RANGE 42 EAST

HOLLYWOOD BROWARD COUNTY, FLORIDA

# LEGAL DESCRIPTION:

PARCEL 1:

LOT 1, OF BLOCK 40, HOLLYWOOD, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 1, PAGE 21, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

PARCEL 2

LOTS 2, 3, 4, 5, 9, 10, 11, 12, 13 AND 14, BLOCK 40, HOLLYWOOD, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 1, PAGE 21, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

PARCEL 3:

LOTS 6, 7 AND 8, BLOCK 40, HOLLYWOOD, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 1 PAGE 21, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

LESS AND EXCEPTING THEREERON

COMMENCING AT THE SOUTHWEST CORNER OF LOT 6, BLOCK 40, OF THE SUBDIVISION OF THE TOWN OF HOLLYWOOD, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 1, AT PAGE 21, IN THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA; RUN EAST ON AND ALONG THE SOUTH LINE OF LOTS 6, 7 AND 8 FOR A DISTANCE OF 65.36 FEET TO THE POINT OF BEGINNING. SAID POINT OF BEGINNING BEING THE POINT OF CURVATURE OF A CURVE CONCAVE TO THE NORTHWEST AND HAVING THE FOLLOWING PROPERTIES: RADIUS=30.00 FEET, DELTA=123°06'46", ARC LENGTH=64.46 FEET; THENCE RUN NORTHEASTERLY ON SAID CURVE FOR A DISTANCE OF 64.46 FEET TO THE POINT OF INTERSECTION WITH THE EAST PROPERTY LINE OF LOT 8 OF SAID BLOCK 40; THENCE RUN SOUTHEASTERLY ON THE EAST LINE OF LOT 8, SAID EAST LINE BEING A CURVE HAVING THE FOLLOWING PROPERTIES: RADIUS=492.00 FEET, DELTA=09°52'51", ARC LENGTH=84.85 FEET, EXTENDED TO A POINT OF INTERSECTION WITH THE SOUTH LINE OF LOTS 6, 7 AND 8 EXTENDED EASTERLY; THENCE RUN WESTERLY ON AND ALONG THE EXTENSION OF LOTS 6, 7 AND 8 TO THE POINT OF BEGINNING.

PARCEL 4

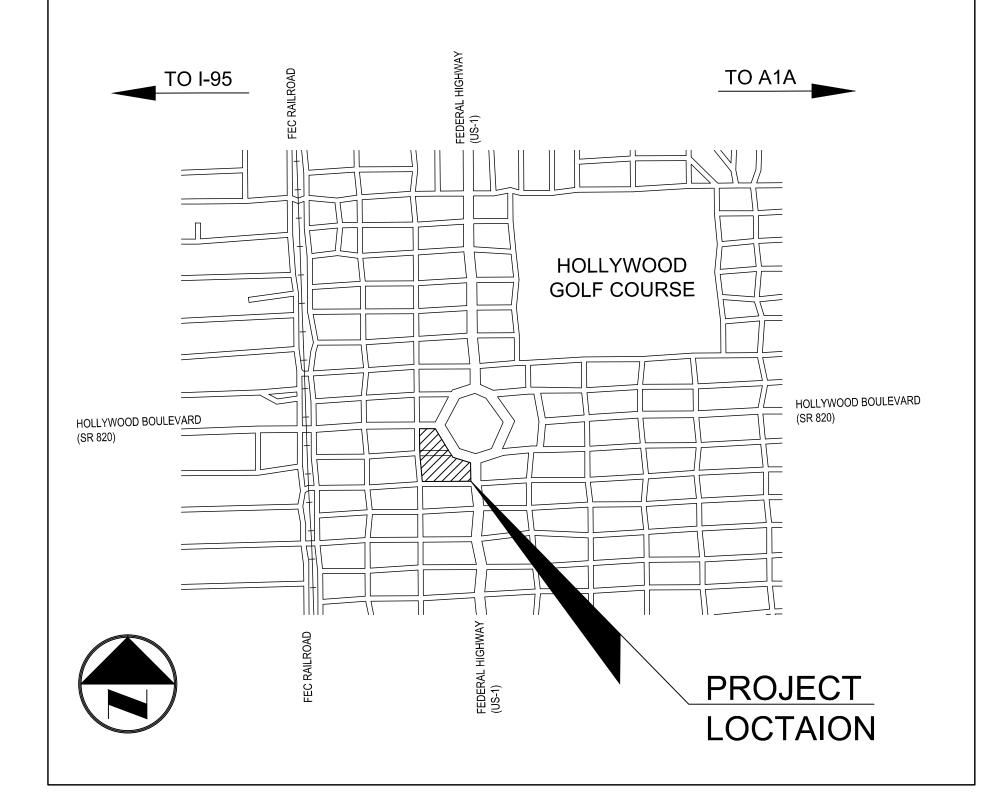
THAT CERTAIN 13.00 FOOT ALLEY LYING IN BLOCK 40, HOLLYWOOD, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 1, PAGE 21, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA AS VACATED BY CITY ORDINANCE NO. 0-2005-16, RECORDED MAY 26, 2010, IN OFFICIAL RECORDS BOOK 47110, PAGE 253.

SAID LANDS SITUATE IN THE CITY OF HOLLYWOOD, BROWARD COUNTY, FLORIDA AND CONTAIN 44,883 SQUARE FEET ( 1.034 ACRES) MORE OR LESS.

VERTICAL INFORMATION HEREON IS RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (NAVD88).

NOTES

WATER MAINS AND HYDRANTS SHALL BE COMPLETED AND IN SERVICE PRIOR TO COMMERCIAL VERTICAL CONSTRUCTION ON ANY BUILDING OR BRINGING IN COMBUSTIBLE STOCK ON SITE PER NFPA 1,16.4.3.1.1



VICINITY MAP

PREPARED FOR:

BLOCK 40, LLC.



CRAVEN • THOMPSON AND ASSOCIATES, INC. ENGINEERS • PLANNERS • SURVEYORS

3563 N.W. 53RD STREET, FORT LAUDERDALE, FLORIDA 33309 FAX: (954) 739-6409 TEL.: (954) 739-6400

FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS No. 271 FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. C000114

lways call 811 two full business days before you d

MATERIAL SHOWN HEREON IS THE PROPERTY OF CRAVEN THOMPSON & ASSOCIATES, INC. AND SHALL NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT PERMISSION OF CRAVEN THOMPSON & ASSOCIATES, INC. CRAVEN THOMPSON & ASSOCIATES, INC. COPYRIGHT © 2016

# SHEET INDEX SHEET NO. **DESCRIPTION** REV **COVER SHEET GENERAL NOTES & SPECIFICATIONS** DEMOLITION PLAN PAVING & GRADING PLAN WATER & SEWER PLAN **EROSION CONTROL PLAN** PAVEMENT MARKING & SIGNAGE **PAVING & GRADING DETAILS PAVING & GRADING DETAILS PAVING & GRADING DETAILS** TYPICAL SECTIONS C-11 C-12 WATER & SEWER DETAILS WATER & SEWER DETAILS WATER & SEWER DETAILS C-15 SANITARY SEWER PROFILE

Chad Everett Edwards Florida P.E. No. 59306 September 2, 2016 B. ALL CONSTRUCTION SHALL BE DONE IN A SAFE MANNER AND IN STRICT COMPLIANCE WITH ALL THE REQUIREMENTS OF FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970, AND ALL STATE AND LOCAL SAFETY AND HEALTH

C. ALL ELEVATIONS SHOWN ON THE CONSTRUCTION DRAWINGS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988, (NAVD88.), UNLESS OTHERWISE NOTED.

D. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO CITY, BROWARD COUNTY AND/OR FDOT SPECIFICATIONS (WHICHEVER APPLIES).

E. CITY, BROWARD COUNTY AND/OR FDOT SPECIFICATIONS SHALL DICTATE WHEN IN CONFLICT WITH ANY OF THE FOLLOWING SPECIFICATIONS.

CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLIANCE WITH THE STATE OF FLORIDA TRENCH SAFETY ACT.

II. PRECONSTRUCTION RESPONSIBILITIES A. UPON THE RECEIPT OF THE "NOTICE TO PROCEED", THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD AND ARRANGE A PRECONSTRUCTION CONFERENCE TO INCLUDE ALL INVOLVED GOVERNMENTAL AGENCIES. UTILITY OWNERS. THE OWNER AND THE ENGINEER OF RECORD.

B. THE CONTRACTOR SHALL OBTAIN A SUNSHINE STATE ONE CALL OF FLORIDA CERTIFICATION NUMBER AT LEAST 48 HOURS PRIOR TO BEGINNING ANY EXCAVATION, CALL 1-800-432-4770.

C. ALL UTILITY EASEMENTS TO BE SECURED PRIOR TO CONSTRUCTION (IF REQUIRED).

D. LOCATION OF EXISTING FACILITIES AS SHOWN ON CONSTRUCTION DRAWINGS ARE DRAWN FROM AVAILABLE RECORDS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE FACILITIES SHOWN OR FOR ANY FACILITY NOT SHOWN. THE CONTRACTOR SHALL VERIEY. IF POSSIBLE, THE ELEVATIONS AND LOCATIONS OF EXISTING FACILITIES PRIOR TO CONSTRUCTION. IF AN EXISTING FACILITY IS FOUND TO CONFLICT WITH THE PROPOSED CONSTRUCTION UPON EXCAVATION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF RECORD SO THAT APPROPRIATE MEASURES CAN BE TAKEN TO

RESOLVE THE PROBLEM. E. A SEPARATE CALCULATED SITE PLAN WILL BE REQUIRED PRIOR TO CONSTRUCTION TO VERIFY PROPOSED BUILDING, CURB, AND SITE WORK LOCATIONS.

F. AT LEAST TWO (2) DAYS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT A CGP "NOTICE OF INTENT (N.O.I) TO USE GENERAL PERMIT FOR STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITIES THAT DISTURB AN ACRE OR MORE OF LAND" FORM (DEP FORM 62-621.300(4)(B)) TO FDEP NOTICES CENTER. THE CONTRACTOR WILL BE RESPONSIBLE FOR: (1) IMPLEMENTATION OF A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) THAT IS REQUIRED TO BE DEVELOPED PRIOR TO THE N.O.I. SUBMITTAL, AND (2) RETENTION OF RECORDS REQUIRED BY THE PERMIT, INCLUDING RETENTION OF A COPY OF THE SWPPP AT THE CONSTRUCTOIN SITE FROM THE DATE OF PROJECT INITIATION TO THE DATE OF FINAL SITE STABILIZATION. A "NOTICE OF TERMINATION (N.O.T.) OF GENERIC PERMIT COVERAGE" FORM (DEP FORM 62-621.300(6)) MUST BE SUBMITTED TO FDEP TO DISCONTINUE PERMIT COVERAGE, SUBSEQUENT TO COMPLETION OF CONSTRUCTION. FOR ADDITIONAL INFORMATION SEE FDEP WEBSITE: http://www.dep.state.fl.us/water/stormwater/npdes. CONTRACTOR SHALL BE RESPONSIBLE TO PREPARE A SWPPP AND SUBMIT TO THE ENGINEER FOR APPROVAL AND COMPLY WITH ALL PROVISOINS OF CHAPTER 62-621.

G. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED DEWATERING PERMITS AND TREE REMOVAL / RELOCATION PERMITS

# III. INSPECTIONS

A. THE CONTRACTOR SHALL NOTIFY THE CITY'S ENGINEERING DEPARTMENT, BROWARD COUNTY. THE ENGINEER OF RECORD. FDOT. AND ANY OTHER GOVERNMENTAL AGENCIES HAVING JURISDICTION AT LEAST 24 HOURS PRIOR TO BEGINNING CONSTRUCTION AND PRIOR TO THE INSPECTION OF THE FOLLOWING ITEMS, WHERE APPLICABLE:

> CLEARING AND FILLING STORM DRAINAGE SYSTEM SANITARY SEWER SYSTEM WATER DISTRIBUTION SYSTEM

LIMEROCK BASE ASPHALTIC CONCRETE / PAVER BRICK COURSE FINAL

# SHOP DRAWINGS

PRIOR TO THEIR CONSTRUCTION OR INSTALLATION, SHOP DRAWINGS SHALL BE SUBMITTED TO AND APPROVED BY THE ENGINEER OF RECORD FOR THE FOLLOWING: SANITARY MANHOLES. STORM DRAIN MANHOLES, CATCH BASINS, FIRE HYDRANTS, PIPING, VALVES AND ALL REQUIRED ACCESSORIES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL OTHER AGENCY APPROVALS IF REQUIRED.

TEMPORARY FACILITIES

A. TEMPORARY FACILITIES:

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE FOR OR SUPPLY TEMPORARY WATER SERVICE, SANITARY FACILITIES, TELEPHONE SERVICE AND ELECTRICITY.

B. TRAFFIC REGULATION:

MAINTENANCE OF TRAFFIC IN THE PUBLIC RIGHTS-OF-WAY SHALL BE IN ACCORDANCE WITH M.U.T.C.D.

2. ALL OPEN TRENCHES AND HOLES ADJACENT TO ROADWAYS OR WALKWAYS SHALL BE PROPERLY MARKED AND BARRICADED TO ASSURE THE SAFETY OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC.

3. NO TRENCHES OR HOLES NEAR WALKWAYS, IN ROADWAYS OR THEIR SHOULDERS ARE TO BE LEFT OPEN DURING NIGHTTIME HOURS WITHOUT EXPRESS PERMISSION OF THE CITY OF POMPANO BEACH.

4. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR FOR ANY NECESSARY CONSTRUCTION, PAVEMENT MARKING AND SIGNAGE OR ANY PEDESTRIAN SIGNALIZATION AND/OR SIGNAL MODIFICATION TO ACCOMMODATE AN ALTERNATE SAFE WALK ROUTE.

VI. WATER DISTRIBUTION SYSTEM

CITY STANDARDS AND SPECIFICATIONS SHALL GOVERN & SUPERCEDE ALL OTHER REQUIREMENTS FOR WATERMAIN CONSTRUCTION.

B. SEPARATION OF WATER AND SEWER MAINS

1. SANITARY SEWERS, STORM SEWERS, AND FORCE MAINS SHOULD CROSS UNDER WATER MAINS WHENEVER POSSIBLE. SANITARY SEWERS, STORM SEWERS, AND FORCE MAINS CROSSING WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18 INCHES BETWEEN THE INVERT OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE WHENEVER POSSIBLE.

2. WHERE SANITARY SEWERS, STORM SEWERS, OR FORCE MAINS MUST CROSS A WATER MAIN WITH LESS THAN 18 INCHES VERTICAL DISTANCE. BOTH THE SEWER AND THE WATER MAIN SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE (DIP) AT THE CROSSING. SUFFICIENT LENGTHS OF DIP MUST BE USED TO PROVIDE A MINIMUM SEPARATION OF 10 FEET BETWEEN ANY TWO JOINTS. ALL JOINTS ON THE WATER MAIN WITHIN 20 FEET OF THE CROSSING MUST BE MECHANICALLY RESTRAINED. A MINIMUM VERTICAL CLEARANCE OF 6 INCHES MUST BE MAINTAINED AT ALL CROSSINGS.

3. ALL CROSSING SHALL BE ARRANGED SO THAT THE SEWER PIPE JOINTS AND THE WATER MAIN PIPE JOINTS ARE EQUIDISTANT FROM THE POINT OF CROSSING (PIPES CENTERED ON THE CROSSING).

WHERE A NEW PIPE CONFLICTS WITH AN EXISTING PIPE WITH LESS THAN 18 INCHES VERTICAL CLEARANCE, THE NEW PIPE SHALL BE CONSTRUCTED OF DIP, AND THE CROSSING SHALL BE ARRANGED TO MEET THE REQUIREMENTS ABOVE.

5. A MINIMUM 10-FOOT HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN ANY TYPE OF SEWER AND WATER MAIN IN PARALLEL INSTALLATIONS WHENEVER POSSIBLE.

6. IN CASES WHERE IT IS NOT POSSIBLE TO MAINTAIN A 10 FOOT HORIZONTAL SEPARATION, THE WATER MAIN MUST BE LAID IN A SEPARATE TRENCH OR ON AN UNDISTURBED EARTH SHELF LOCATED ON ONE SIDE OF THE SEWER OR FORCE MAIN AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER IS AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER.

WHERE IT IS NOT POSSIBLE TO MAINTAIN A VERTICAL DISTANCE OF 18 INCHES IN PARALLEL INSTALLATIONS, THE WATER MAIN SHALL BE CONSTRUCTED OF DIP AND THE SANITARY SEWER OR THE FORCE MAIN SHALL BE CONSTRUCTED OF DIP WITH A MINIMUM VERTICAL DISTANCE OF 6 INCHES. THE WATER MAIN SHOULD ALWAYS BE ABOVE THE SEWER. JOINTS ON THE WATER MAIN SHALL BE LOCATED AS FAR APART AS POSSIBLE FROM JOINTS ON THE SEWER OR FORCE MAIN (STAGGERED JOINTS).

8. CONTRACTOR SHALL MAINTAIN WATER SERVICE TO ALL EXISTING FACILITIES DURING CONSTRUCTION.

#### C. MATERIALS:

1. ALL PIPE LARGER THAN 12" DIAMETER MUST BE DUCTILE IRON (MIN. CLASS 50). 8" AND 10" DIP (MIN. CLASS 50) 4" AND 6" DIP (MIN. CLASS 52). ALL DUCTILE IRON PIPE SHALL CONFORM TO THE REQUIREMENTS OF ANSI/AWWA C151/A21.51-02 AND CEMENT MORTAR LINED AND SEAL COATED PER ANSI/AWWA C104/A21.4-03. SEE CITY AND BROWARD COUNTY STANDARDS & SPECIFICATIONS FOR FURTHER D.I.P. REQUIREMENTS.

2. FITTINGS SHALL BE COMPACT DUCTILE IRON MECHANICAL JOINT TYPE AND SHALL BE CLASS 350 THROUGH 24" CONFORMING TO ANSI/AWWA C-153/A21.53-00 SPECIFICATIONS. FITTINGS MUST BE CEMENT LINED AND ŚEAL COATED PER ANSI/AWWA C104/A21.4-03

3. VALVES SHALL BE GATE VALVES, IRON BODY, FULLY RESILIENT SEAT BRONZED MOUNTED NON-RISING STEM, RATED AT 150 PSI AND CONFORMING TO ANSI/AWWA C509-01 OR LATEST REVISION, AND SHALL HAVE MECHANICAL JOINTS.

> a. GATE VALVES 4" AND LARGER SHALL BE MUELLER A-2370-20, RESILIENT SEATED GATE VALVES SHALL BE AMERICAN AFR2500 LINE OR CLOW F-6100, CONFORMING TO ANSI/AWWA C500-02. SEE BROWARD COUNTY, AND CITY CONSTRUCTION STANDARDS & SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

b. TAPPING VALVES SHALL BE MUELLER H615 OR APPROVED EQUAL.

c. GATE VALVES 3" OR LESS SHALL BE NIBCO T-133 OR T-136 WITH MALLEABLE HAND WHEELS.

NO SUBSTITUTIONS ALLOWED.

4. TAPPING SLEEVES SHALL BE MUELLER H615, CLOW F-2505 OR APPROVED EQUAL. SEE BROWARD COUNTY, AND CITY CONSTRUCTION STANDARDS & SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

5. VALVE BOXES SHALL BE US FOUNDRY SERIES 7500 OR APPROVED EQUAL.

6. RETAINER GLANDS SHALL CONFORM TO ANSI/AWWA C111/A21.11-00 OR LATEST REVISION. ALL GLANDS SHALL BE MANUFACTURED FROM DUCTILE IRON AS LISTED BY UNDERWRITERS LABORATORIES FOR 250 PSI MINIMUM WATER PRESSURE RATING. CLOW CORPORATION MODEL F-1058, STANDARD FIRE PROTECTION EQUIPMENT COMPANY OR APPROVED

DRESSER COUPLINGS SHALL BE REGULAR BLACK COUPLINGS WITH PLAIN GASKETS FOR GALVANIZED STEEL PIPE. THEY SHALL BE DRESSER STYLE 90. NO SUBSTITUTIONS ALLOWED.

FIRE HYDRANTS SHALL BE MUELLER CENTURION TRAFFIC TYPE A-423 WITH 5 1/4" INTERNAL VALVE OPENING OR APPROVED EQUAL. MAIN VALVE OPENING TO BE DETERMINED BY THE WATER DEPARTMENT. PUMPER NOZZLE TO BE 18" FROM FINISHED GRADE. ALL HYDRANTS TO BE INSTALLED WITH CONTROL VALVE. RETAINER GLANDS ARE PREFERRED FOR RESTRAINING. FIRE HYDRANT SHALL COMPLY WITH ANSI/AWWA C502-05.

SEE BROWARD COUNTY AND CITY CONSTRUCTION STANDARDS & SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

# D. SERVICE CONNECTION:

SERVICE SADDLES SHALL BE STAINLESS STEEL STRAPS, SADDLES SHALL BE DOUBLE STRAP TYPE. ALL SERVICE SADDLES SHALL CONFORM TO ANSI/AWWA C111/A21.11-00 AND ASTM A-588.

2. SERVICE LINES SHALL BE POLYETHYLENE (3408), 250 PSI RATED, SDR9. PIPE JOINTS SHALL BE OF THE COMPRESSION TYPE TOTALLY CONFINED GRIP SEAL AND COUPLING NUT.

3. CORPORATION STOPS SHALL BE MANUFACTURED OF BRASS ALLOY IN ACCORDANCE WITH ASTM B-62 WITH THREADED ENDS, AS MANUFACTURED BY MUELLER B-25008 OR APPROVED EQUAL.

4. CURB STOPS SHALL BE MUELLER H10203 OR APPROVED

5. METER STOPS SHALL BE LOCKWING TYPE AND SHALL BE OF BRONZE CONSTRUCTION IN ACCORDANCE WITH ASTM B-62. METER STOPS SHALL BE CLOSED BOTTOM DESIGN AND RESILIENT "O" RING SEALED AGAINST EXTERNAL LEAKAGE AT THE TOP. STOPS SHALL BE EQUIPPED WITH A METER COUPLING NUT ON THE OUTLET SIDES, AS MANUFACTURED BY MUELLER OR APPROVED EQUAL.

# E. INSTALLATION:

ALL PVC PIPE SHALL BE INSTALLED IN ACCORDANCE WITH THE UNI-BELL PLASTIC PIPE ASSOCIATIONS "GUIDE FOR INSTALLATION OF PVC PRESSURE PIPE FOR MUNICIPAL WATER DISTRIBUTION SYSTEM." SEE BROWARD COUNTY AND CITY CONSTRUCTION STANDARDS & SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

2. ALL DIP SHALL BE INSTALLED IN ACCORDANCE WITH ANSI/AWWA C600-05 OR LATEST REVISION.

3. ALL WATER MAINS SHALL BE LAID WITH A MINIMUM 36" COVER FOR PVC AND 30" FOR DIP.

4. NO CONNECTIONS TO EXISTING LINES SHALL BE MADE UNTIL PRESSURE TESTS & BACTERIOLOGICAL TESTS HAVE BEEN PERFORMED AND THE SYSTEM IS ACCEPTABLE TO THE CITY OR BROWARD COUNTY BEACH AND PUBLIC HEALTH UNIT.

5. PIPE DEFLECTION SHALL NOT EXCEED 75% OF THE MAXIMUM DEFLECTION RECOMMENDED BY THE MANUFACTURER.

6. A CONTINUOUS AND UNIFORM BEDDING SHALL BE PROVIDED. BACKFILL MATERIAL SHALL BE TAMPED IN LAYERS AROUND THE PIPE AS SHOWN ON THE PLANS. STONES FOUND IN THE TRENCH SHALL BE REMOVED FOR A DEPTH OF AT LEAST 6" BELOW THE BOTTOM OF THE PIPE.

7. ALL VALVES SHALL BE INSTALLED WITH ADJUSTABLE CAST IRON VALVE BOXES WITH THE WORD "WATER" CAST IN THE COVER. U.S.F. OR APPROVED EQUAL.

8. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER 62–555.320, FAC.

#### F. TESTING:

1. FOR TESTING REQUIREMENTS SEE CITY AND BROWARD COUNTY CONSTRUCTION STANDARDS & SPRCIFICATIONS.

2. BEFORE ANY PHYSICAL CONNECTIONS TO THE EXISTING WATER MAINS ARE MADE, THE COMPLETE WATER SYSTEM SHALL BE PRESSURE TESTED AND DISINFECTED. HYDROSTATIC TESTING OF NEW MAINS SHALL BE PERFORMED AT A MINIMUM STARTING PRESSURE OF 150 PSI FOR TWO HOURS IN ACCORDANCE WITH ANSI/AWWA C600-05 OR LATEST REVISION, THE PRESSURE TEST SHALL NOT VARY MORE THAN 5 PSI DURING THE TEST.

THE PRESSURE TEST SHALL BE WITNESSED BY A REPRESENTATIVE OF THE CITY OR BROWARD COUNTY AND THE ENGINEER OF RECORD.

4. BEFORE ACCEPTANCE FOR OPERATION, THE WATER SYSTEM SHALL BE DISINFECTED IN ACCORDANCE WITH THE ANSI/AWWA C651-05; 150 PSI MINIMUM STARTING TEST PRESSURE METER RECONNECTIONS MAY BE MADE TO NEW LINES AFTER TWO CONSECUTIVE DAYS OF BACTERIOLOGICAL SAMPLES HAVE PASSED. AND COPIES OF RESULTS HAVE BEEN RECEIVED BY THE ENGINEER, CITY, AND HRS.

5. SAMPLING POINTS SHALL BE PROVIDED AT THE LOCATIONS SHOWN ON THE PLANS. IF NOT SPECIFIED, SAMPLING POINTS SHALL BE PROVIDED AT INTERVALS OF 1500' MAXIMUM FOR LINES GREATER THAN 1500' IN LENGTH.

6. THE ALLOWABLE LEAKAGE SHALL BE LESS THAN THE NUMBER OF GALLONS PER HOUR AS DETERMINED BY THE FORMULA:

# $L = SDP^{0.5}$

IN WHICH L EQUALS THE ALLOWABLE LEAKAGE IN GALLONS PER HOUR. S EQUALS LENGTH OF PIPE (LINEAR FEET), D EQUALS NOMINAL DIAMETER OF PIPE (INCHES) AND P EQUALS THE MINIMUM TEST PRESSURE (POUNDS PER SQUARE INCH).

GRAVITY SEWER COLLECTION SYSTEM:

CITY AND BROWARD COUNTY CONSTRUCTION STANDARDS & SPECIFICATIONS SHALL GOVERN & SUPERCEDE ALL OTHER REQUIREMENTS FOR SANITARY SEWER CONSTRUCTION.

# B. GENERAL:

1. DISTANCE AND LENGTHS SHOWN ON PLANS ARE REFERENCED TO THE CENTER OF STRUCTURES.

1. ALL SEWER PIPE AND FITTINGS SHALL BE PVC PIPE CONFORMING TO ANSI/AWWA STANDARD C900-97, CLASS 150. WITH PUSH-ON RUBBER GASKET JOINTS OR DUCTILE IRON PIPE, (MIN. CLASS 52), AS INDICATED ON THE DRAWINGS.

2. MANHOLES SHALL BE PRECAST PER ASTM C 478 WITH 4,000 PSI CONCRETE AND GRADE 60 STEEL. MONOLITHICALLY POURED BASES ONLY. MANHOLES ARE TO BE SEALED WITH ANTI-HYDRO

CEMENT OR APPROVED EQUAL — NO MOULDING

# D. INSTALLATION:

1. PVC SEWER PIPE SHALL BE LAID IN ACCORDANCE WITH ASTM D 2321 AND THE UNI-BELL PLASTIC PIPE ASSOCIATION'S "RECOMMENDED PRACTICE FOR THE INSTALLATION OF PVC SEWER PIPE."

2. DUCTILE IRON PIPE SHALL BE INSTALLED IN ACCORDANCE WITH ANSI/AWWA C600-05 OR LATEST REVISION.

3. PVC MANHOLE ADAPTOR SHALL BE GROUTED IN PLACE AT EACH PIPE CONNECTION INTO A MANHOLE WALL.

4. MANHOLES SHALL BE SET PLUMB TO LINE AND GRADE ON FIRM SUBGRADE PROVIDING UNIFORM BEARING UNDER THE BASE.

5. ALL OPENINGS AND JOINTS SHALL BE SEALED WATERTIGHT.

THE ENTIRE INSIDE AND OUTSIDE OF THE MANHOLES SHALL BE PAINTED WITH TWO COATS OF DIFFERENT COLORS (8 MILS EACH) OF KOPPERS 300-M BITUMASTIC PAINT OR ENGINEER'S APPROVED EQUAL.

# E. TESTING:

1. AFTER CONSTRUCTION OF THE SEWER SYSTEM, THE ENGINEER MAY REQUIRE A VISUAL INFILTRATION AND/OR EXFILTRATION TEST TO BE PERFORMED ON THE ENTIRE SYSTEM OR ANY PART THEREOF.

2. AN AIR TEST MAY BE SUBSTITUTED FOR THE WATER EXFILTRATION TEST, UPON APPROVAL OF THE ENGINEER.

MANHOLE LEAKAGE TEST SHALL NOT EXCEED FOUR GALLONS PER DAY PER UNIT. NO VISIBLE LEAKAGE ALLOWED.

SEWER PIPE LEAKAGE ALLOWABLE SHALL NOT EXCEED 150 GALLONS PER DAY PER INCH DIAMETER PER MILE IN A TWO HOUR TEST PERIOD FOR ANY SECTION TESTED. NO VISIBLE LEAKAGE SHALL BE ALLOWED.

ALL SEWER PIPE SHALL BE VIDEO RECORDED AND GIVEN TO CITY FOR REVIEW AND APPROVAL AT THE CONTRACTORS EXPENSE.

# VIII. STORM DRAINAGE:

A. GENERAL:

1. DISTANCES AND LENGTHS SHOWN ON PLANS ARE REFERENCED TO THE CENTER OF STRUCTURES.

# B. MATERIALS:

1. REINFORCED CONCRETE PIPE (R.C.P.) SHALL MEET

THE REQUIREMENTS OF ASTM C-76. LATEST REVISION. RUBBER GASKETS OR OTHER MANUFACTURER SUPPLIED JOINT SEALER SHALL BE USED. FOR ADDITIONAL REQUIREMENTS SEE BROWARD COUNTY'S AND THE CITY'S STANDARDS AND SPECIFICATIONS.

2. ALL DRAINAGE CATCH BASINS AND STRUCTURES SHALL BE PRECAST CONCRETE AS MANUFACTURED BY U.S. PRECAST CORPORATION, UNLESS OTHERWISE NOTED ON THE PLANS. THE MINIMUM WALL AND SLAB THICKNESS SHALL BE 8 INCHES AND THE MINIMUM REINFORCING SHALL BE NO. 4 BARS AT 9 INCHES EACH WAY UNLESS OTHERWISE INDICATED. CONCRETE SHALL BE MINIMUM OF 4000 PSI AT 28 DAYS.

#### C. INSTALLATION

PIPE SHALL BE PLACED ON A MINIMUM OF 8" STABLE GRANULAR MATERIAL FREE OF ROCK FORMATION AND OTHER FOREIGN FORMATIONS, AND CONSTRUCTED TO A UNIFORM GRADE AND LINE.

2. BACKFILL MATERIAL SHALL BE WELL GRADED GRANULAR MATERIAL, WELL TAMPED IN LAYERS NOT TO EXCEED 6 INCHES TO A HEIGHT OF 12 INCHES ABOVE PIPE AS SHOWN ON THE PLANS.

PROVIDE A MINIMUM PROTECTIVE COVER OF 18 INCHES OVER STORM SEWER AND AVOID UNNECESSARY CROSSING BY HEAVY CONSTRUCTION VEHICLES DURING

THE CONTRACTOR SHALL NOTIFY THE CITY'S ENGINEERING DEPARTMENT AT LEAST 7 DAYS PRIOR TO THE START OF THE CONSTRUCTION AND INSPECTION.

# IX. PAVING

A. GENERAL:

BROWARD COUNTY AND THE CITY'S CONSTRUCTION STANDARDS & SPECIFICATIONS SHALL GOVERN.

ALL MUCK AND YIELDING MATERIAL WITHIN THE LIMIT OF CONSTRUCTION SHALL BE REMOVED AND REPLACED WITH CLEAN FILL MATERIAL WHICH SHALL BE COMPACTED AND SHAPED TO CONFORM TO THE REQUIRED SECTION. COMPACTED AREAS, AS SHOWN ON THE PLANS AND OR AS DETERMINED BY THE ENGINEER, SHALL BE COMPACTED TO NOT LESS THAN 98% OF MAXIMUM DENSITY AT OPTIMUM MOISTURE, AS DETERMINED BY AASHTO T-180, LATEST REVISION. AREAS TO BE STABILIZED. AS DETERMINED BY THE ENGINEER, SHALL HAVE A MINIMUM

3. ALL UNDERGROUND UTILITIES SHALL BE COMPLETED PRIOR TO CONSTRUCTION OF LIMEROCK BASE.

4. ALL EXISTING PAVEMENT, CUT OR DAMAGED BY CONSTRUCTION, SHALL BE PROPERLY RESTORED AT THE CONTRACTOR'S EXPENSE. 5. WHERE ANY PROPOSED PAVEMENT IS TO BE CONNECTED

TO EXISTING PAVEMENT, THE EXISTING EDGE OF PAVEMENT SHALL BE SAW CUT.

1. BASE COURSE SHALL BE CRUSHED LIMEROCK WITH A MINIMUM OF 70% CARBONATES OF CALCIUM AND MAGNESIUM.

ASPHALT SURFACES SHALL BE TYPE S—III ASPHALTI CONCRETE, UNLESS OTHERWISE SPECIFIED ON THE PLANS, AND SHALL BE A MINIMUM OF 1-1/2" THICK. 3. MINIMUM SIDEWALK CONSTRUCTION SHALL BE 4 INCH THICK CONCRETE, MINIMUM 3000psi COMPRESSIVE

STRENGTH AT 28 DAYS. SAWCUT CONSTRUCTION JOINTS 5 FOOT o.c. WITHIN 48 HOURS OF PLACING, EXPANSION JOINTS SHALL BE 20 FOOT o.c. SEE BROWARD COUNTY'S AND THE CITY'S SECTION ON CONSTRUCTION STANDARDS & SPECIFICATIONS FOR FURTHER REQUIREMENTS.

4. CURBS AND GUTTERS: CONCRETE 3000psi COMPRESSIVE STRENGTH AT 28 DAYS, SAWCUT CONSTRUCTION JOINTS 10 FOOT o.c. WITHIN 48 HOURS OF PLACING.

REINFORCED CONCRETE SLABS SHALL BE CONSTRUCTED OF CLASS I CONCRETE WITH A MINIMUM STRENGTH OF 3,000 PSI AND SHALL BE REINFORCED WITH A 6" x 6" NO. 6 GAUGE WIRE MESH.

# C. INSTALLATION:

SUBGRADE FOR PAVEMENT AREAS SHALL BE COMPACTED TO A MINIMUM OF 98% OF THE MAXIMUM DENSITY (AASHTO T-99(c)), AND SHALL HAVE A MINIMUM LBR 40.

2. BASE COURSE MATERIAL FOR PAVED AREAS SHALL BE A MINIMUM THICKNESS OF 8" AND SHALL BE CONSTRUCTED IN TWO FOUR-INCH LIFTS.

BASE COURSE MATERIAL FOR CURBS AND GUTTERS SHALL BE A MINIMUM THICKNESS OF 6 INCH. BASE COURSE SHALL BE COMPACTED TO 98% OF THE MAXIMUM DENSITY AS PER AASHTO T-180 AND SHALL

HAVE A MINIMUM LBR OF 100. 5. INSTALLATION OF THE WEARING SURFACE SHALL CONFORM WITH THE REQUIREMENTS OF THE D.O.T. STANDARD SPECIFICATIONS FOR TYPE S-III ASPHALTIC CONCRETE

# D. TESTING

THE FINISHED SURFACE OF THE BASE COURSE AND THAT OF THE WEARING SURFACE SHALL NOT VARY MORE THAN 1/4" FROM THE TEMPLATE. ANY IRREGULARITIÉS EXCEEDING THIS LIMIT SHALL BE

2. DENSITY TESTS SHALL BE TAKEN BY AN INDEPENDENT TESTING LABORATORY CERTIFIED BY THE STATE OF FLORIDA, WHERE DIRECTED BY THE ENGINEER.

3. ALL TESTING COSTS (PAVING) SHALL BE PAID FOR

BY THE CONTRACTOR. 4. DENSITY TESTS ON THE STABILIZED SUBGRADE SHALL BE SUPPLIED TO THE ENGINEER OF RECORD AND APPROVED BEFORE ANY LIMEROCK BASE IS

5. DENSITY TESTS AND AS-BUILTS ON THE FINISHED LIMEROCK BASE SHALL BE SUPPLIED TO THE ENGINEER OF RECORD, AND APPROVED BEFORE ANY ASPHALT PAVEMENT IS CONSTRUCTED.

# CITY REFERS TO: CITY OF HOLLYWOOD

# X. DEWATERING

1. WHERE DEWATERING IS REQUIRED, THE CONTRACTOR IS RESPONSIBLE FOR DEWATERING IN SUCH A MANNER SO AS TO COMPLY WITH ANY AND ALL CITY, COUNTY, STATE AND FEDERAL DEWATERING REQULATIONS. CONTRACTOR MAY CONTACT THE BROWARD COUNTY DEPARTMENT OF PLANNING AND ENVIRONMENTAL PROTECTION AND THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTETCION FOR FURTHER INFORMATION.

## XI. PAVEMENT MARKING AND SIGNAGE

ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS," LATEST EDITION: AND BROWARD COUNTY TRAFFIC FNGINFFRING STANDARDS (MAY. 1989).

STANDARDS & SPECIFICATIONS FOR PAVEMENT MARKING REQUIREMENTS.

1. DURING CONSTRUCTION, THE PROJECT SITE AND ALL ADJACENT AREAS SHALL BE MAINTAINED IN A NEAT AND CLEAN MANNER, AND UPON FINAL CLEAN-UP, THE PROJECT SITE SHALL BE LEFT CLEAR OF ALL SURPLUS MATERIAL OR TRASH. THE PAVED. PAVER BRICK. AND CONCRETE AREAS SHALL BE SWEPT BROOM CLEAN.

3. WHERE MATERIAL OR DEBRIS HAS WASHED OR FLOWED INTO OR HAS BEEN PLACED IN WATER COURSES, DITCHES, DRAINS, CATCH BASINS, OR ELSEWHERE AS A RESULT OF THE CONTRACTOR'S OPERATIONS, SUCH MATERIAL OR DEBRIS SHALL BE REMOVED AND SATISFACTORILY DISPOSED OF DURING THE PROGRESS OF THE WORK, AND THE AREA KEPT IN A CLEAN AND NEAT CONDITION.

REMOVED OR DESTROYED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE RESTORED BY A STATE OF FLORIDA REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.

CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THAT WHICH EXISTED BEFORE THE CONSTRUCTION.

## XIII. ENGINEER'S AS BUILT REQUIREMENTS

DURING THE DAILY PROGRESS OF THE JOB, THE CONTRACTOR SHALL RECORD ON THEIR SET OF CONSTRUCTION DRAWINGS THE EXACT LOCATION, LENGTH. MATERIAL AND ELEVATION OF ANY FACILITY

2. AS BUILTS OF WATER LINES SHALL INCLUDE THE FOLLOWING TOP OF PIPE ELEVATIONS EVERY 100 LINEAR FEET LOCATIONS AND ELEVATIONS OF ALL FITTINGS INCLUDING BENDS, TEES, GATE VALVES, DOUBLE DETECTOR CHECK VALVES. FIRE HYDRANTS. ETC.

THE TERMINATION OF ALL WATER SERVICES

A. RIMS, INVERTS, AND LENGTH OF PIPING BETWEEN STRUCTURES, AS WELL AS PIPE SLOPES. B. LOCATION OF ALL STUB ENDS OF ALL SEWER LATERALS

C. LIFT STATION AS BUILTS SHALL CONSIST OF THE TOP OF WET WELL ELEVATION, INVERT ELEVATIONS OF THE INCOMING LINE, BOTTOM OF THE WET WELL AND AS BUILTS OF THE COMPOUND AREA

AS THE WATER MAIN AS BUILTS DESCRIBED ABOVE 5. AS BUILTS OF ALL DRAINAGE LINES SHALL INCLUDE

A. ROCK ELEVATIONS AT ALL HIGH AND LOW POINTS, AND AT ENOUGH INTERMIEDIATE POINTS TO CONFIRM SLOPE CONSISTENCY

C. ALL CATCH BASIN AND MANHOLE RIM ELEVATIONS SHALL BE SHOWN

D. ELEVATIONS AROUND ISLANDS SHALL ALSO BE SHOWN E. WHERE CONCRETE OR PAVER BRICK IS TO BE USED AS A FINISHED PRODUCT FOR THE ROADWAY OR PARKING LOT, ROCK AS BUILTS WILL BE REQUIRED AS INDICATED ABOVE, AS WELL AS AS BUILTS ON THE FINISHED CONCRETE OR PAVERS AT LOCATIONS WHERE THERE IS A FINISHED GRADE ELEVATION SHOWN ON

F. AS BUILTS SHALL BE TAKEN ON ALL PAVED AND UNPAVED SWALES, PRIOR TO PLACEMENT OF ASPHALT OR TOPSOIL OR SOD, AT ENOUGH INTERMEDIATE POINTS TO CONFIRM SLOPE CONSISTENCY AND CONFORMANCE TO THE PLANS

7. LAKE AND CANAL BANK AS BUILTS SHALL INCLUDE A KEY SHEET OF THE LAKE FOR THE LOCATIONS OF CROSS SECTIONS. LAKE AND CANAL BANK CROSS SECTIONS SHALL BE PLOTTED AT A MINIMUM OF EVERY 100 LINEAR FEET UNLESS OTHERWISE SPECIFIED. AS BUILTS SHALL CONSIST OF THE LOCATION AND ELEVATION OF THE TOP OF BANK EDGE OF WATER AND THE DEEP CUT LINE, WITH THE DISTANCE BETWEEN EACH SHOWN ON THE DRAWING.

8. RETENTION AREA AS BUILT ELEVATIONS SHALL BE TAKEN AT THE BOTTOM OF OF THE RETENTION AREA AND AT THE TOP OF BANK AS BUILT OF CONTOURS SHALL BE SHOWN, WHERE APPLICABLE.

9. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL PREPARE RECORD DRAWINGS, ON FULL SIZE REPRODUCIBLE MATERIAL. ONE SET OF REPRODUCIBLE RECORD DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD. ALONG WITH EIGHT SETS OF BLUE OR BLACK LINE DRAWINGS. THESE DRAWINGS SHALL BE SIGNED AND SEALED BY A FLORIDA REGISTERED LAND SURVEYOR. ADDITIONALLY, AN ELECTRONIC COPY OF THESE RECORD DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER IN AUTOCAD, ".DWG" OR ".DXF" FORMAT

10. IN ADDITION TO THE ABOVE THE CONTRACTOR SHALL ALSO CONFORM TO COUNTY AND/OR CITY AS-BUILT REQUIREMENTS.

S, > AND ASSOCIATINERS · SURV THOMPSON ERS • PLAN



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Chad Everett Edwards Florida P.E. No. 59306 September 2, 2016 PROJECT NO.

02-0108-002-04

SHEET 2 OF 15

SEE BROWARD COUNTY AND CITY CONSTRUCTION STANDARDS & SPECIFICATIONS FOR ADDITIONAL TESTING REQUIREMENTS.

1. ALL PAVEMENT MARKINGS AND SIGNAGE SHALL BE IN

# XII. PROJECT CLOSEOUT

A. CLEANING UP:

2. THE CONTRACTOR SHALL RESTORE OR REPLACE. WHEN AND AS DIRECTED, ANY PUBLIC OR PRIVATE PROPERTY DAMAGED BY HIS WORK, EQUIPMENT, OR EMPLOYEES. TO A CONDITION AT LEAST EQUAL TO THAT FXISTING IMMEDIATELY PRIOR TO THE BEGINNING OF OPERATIONS. TO THAT END, THE CONTRACTOR SHALL DO, AS REQUIRED, ALL NECESSARY HIGHWAY, DRIVEWAY, WALK AND LANDSCAPING WORK. SUITABLE MATERIALS AND METHODS SHALL BE USED FOR SUCH RESTORATION.

B. ALL PROPERTY MONUMENTS OR PERMANENT REFERENCES,

C. ALL UNPAVED SURFACES DISTURBED AS A RESULT OF

NOT BUILT EXACTLY ACCORDING TO PLANS.

ALL TIE INS TO EXISTING LINES SHALL BE AS BUILT

SHALL BE SHOWN 3. AS BUILTS OF ALL THE GRAVITY SANITARY SEWER LINES SHALL INCLUDE THE FOLLOWING INFORMATION

INVERT ELEVATIONS AND LOCATION OF ALL CLEAN OUTS

4. FORCE MAIN AS BUILTS SHALL BE PREPARED THE SAME

THE FOLLOWING INFORMATION A. RIMS, INVERTS, AND LENGTH OF PIPING BETWEEN STRUCTURES, AND WEIR ELEVATIONS WHERE APPLICABLE B. THE SIZE OF THE PIPING SHALL BE VERIFIED BY THE SURVEY FIELD CREW AT THE TIME OF AS BUILT

BUT NOT BE LIMITED TO, TOP OF CASING ELEVATION, TOP AND BOTTOM ELEVATIONS OF THE BAFFLE WALLS, RIM ELEVATIONS, AND INVERTS OF PIPING 6. ALL ROCK AS BUILTS FOR PARKING LOT AREAS SHALL CONSIST

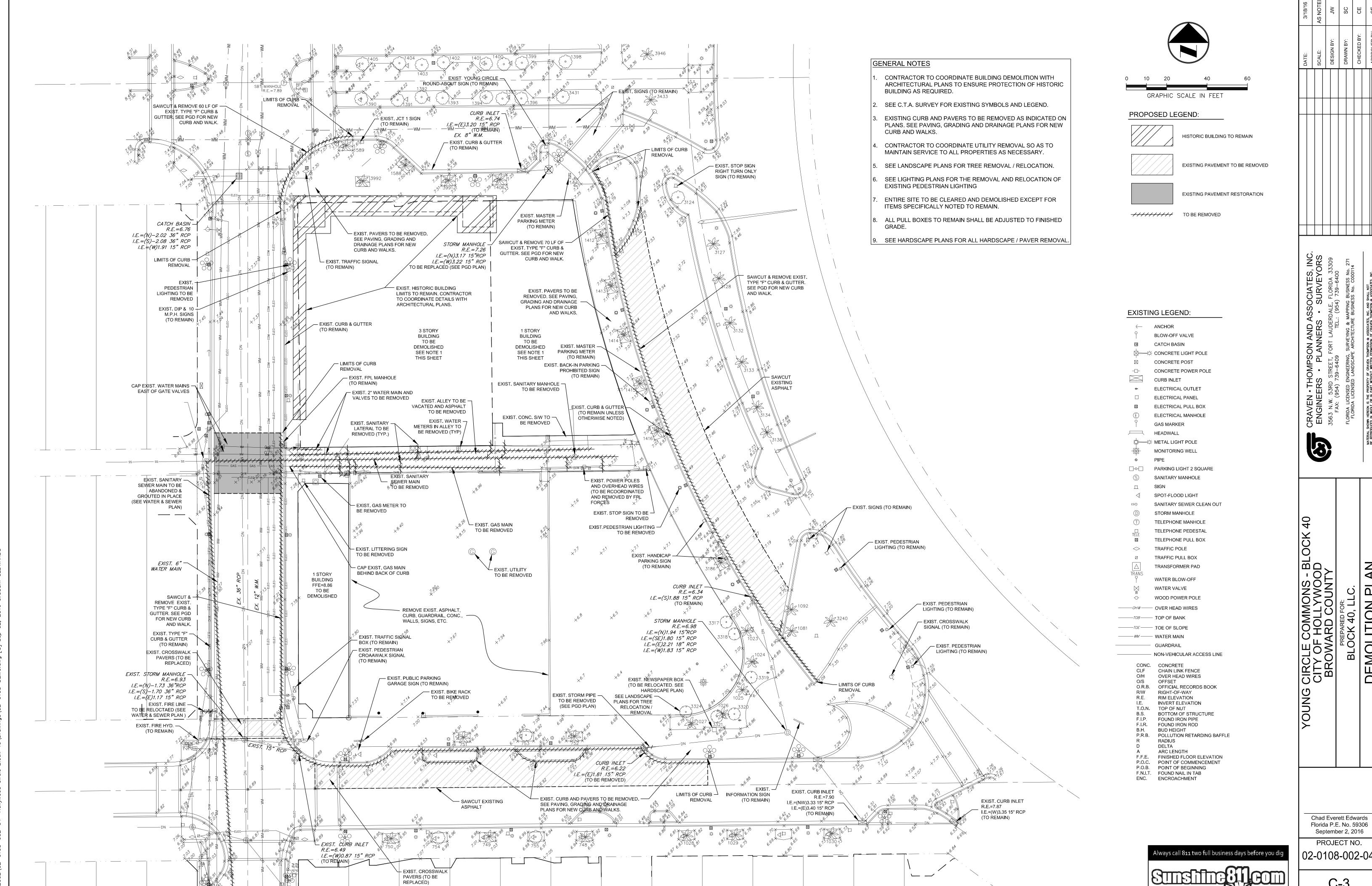
C. DRAINAGE WELL STRUCTURE AS BUILTS SHALL INCLUDE,

B. ROCK AS BUILTS SHALL BE TAKEN AT ALL LOCATIONS

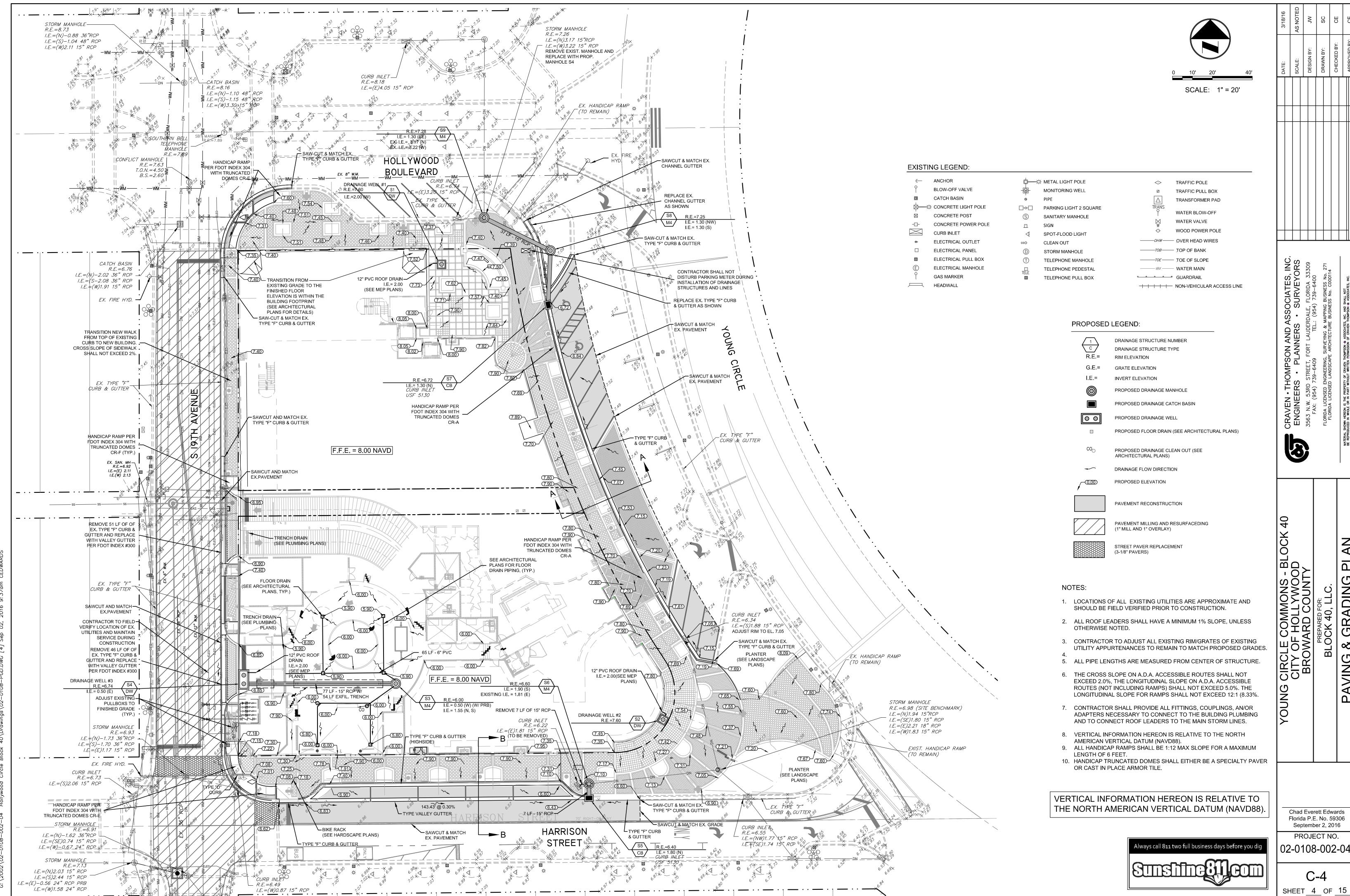
WHERE THERE IS A FINISHED GRADE ELEVATION SHOWN ON THE DESIGN PLANS

OF THE FOLLOWING INFORMATION

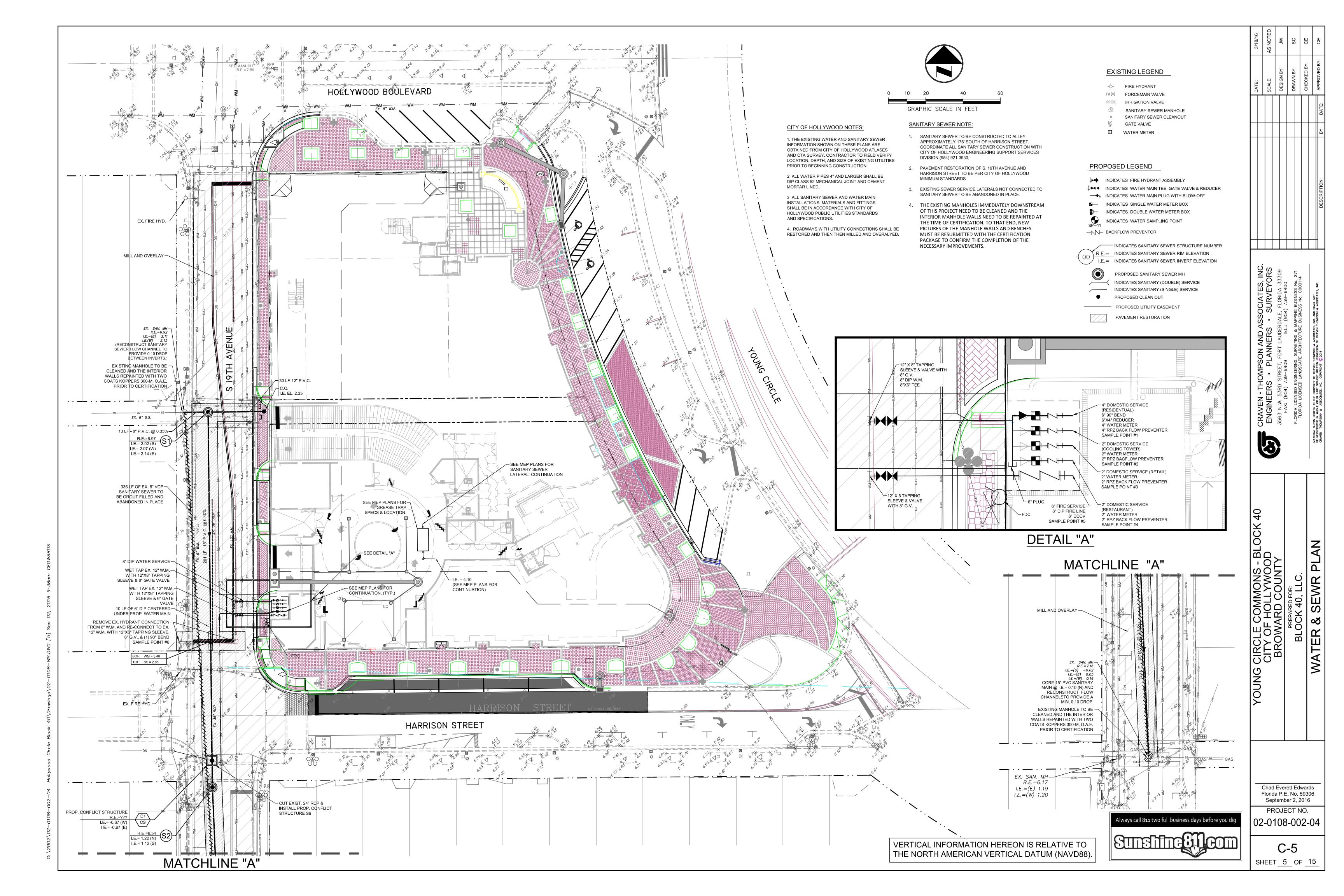
THE DESIGN PLANS

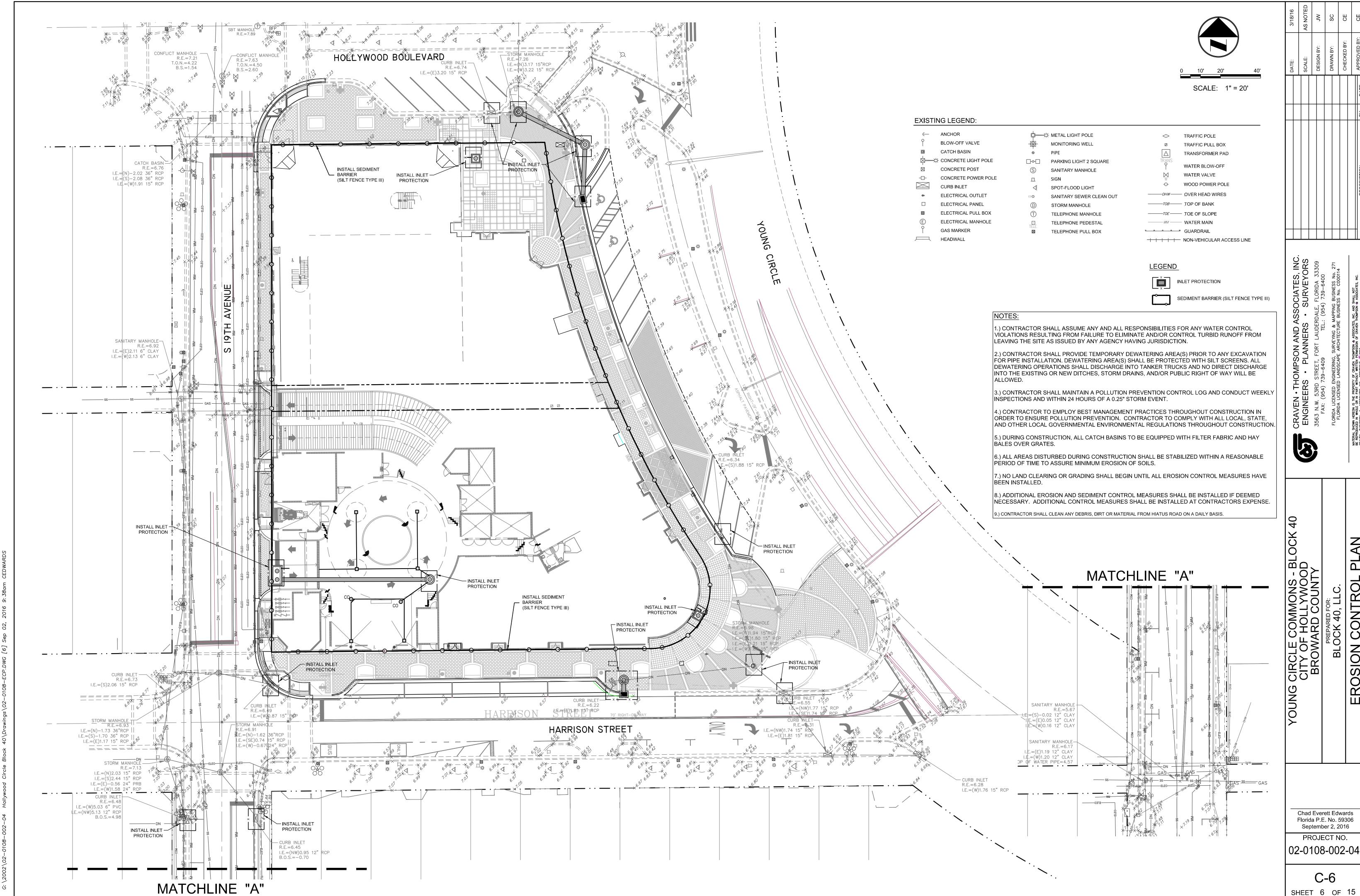


**C-3**SHEET 3 OF 15

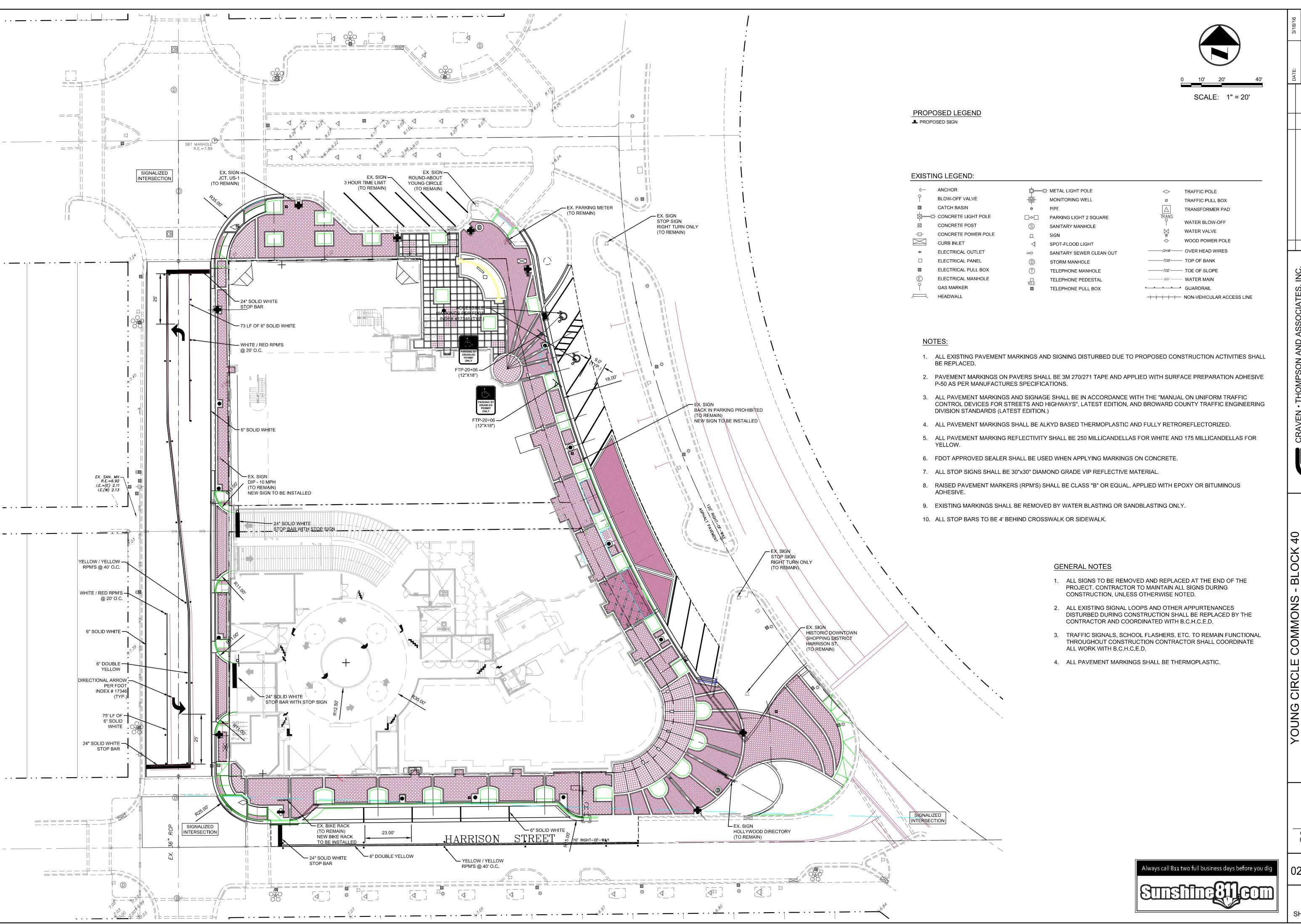








SHEET <u>6</u> OF <u>1</u>5

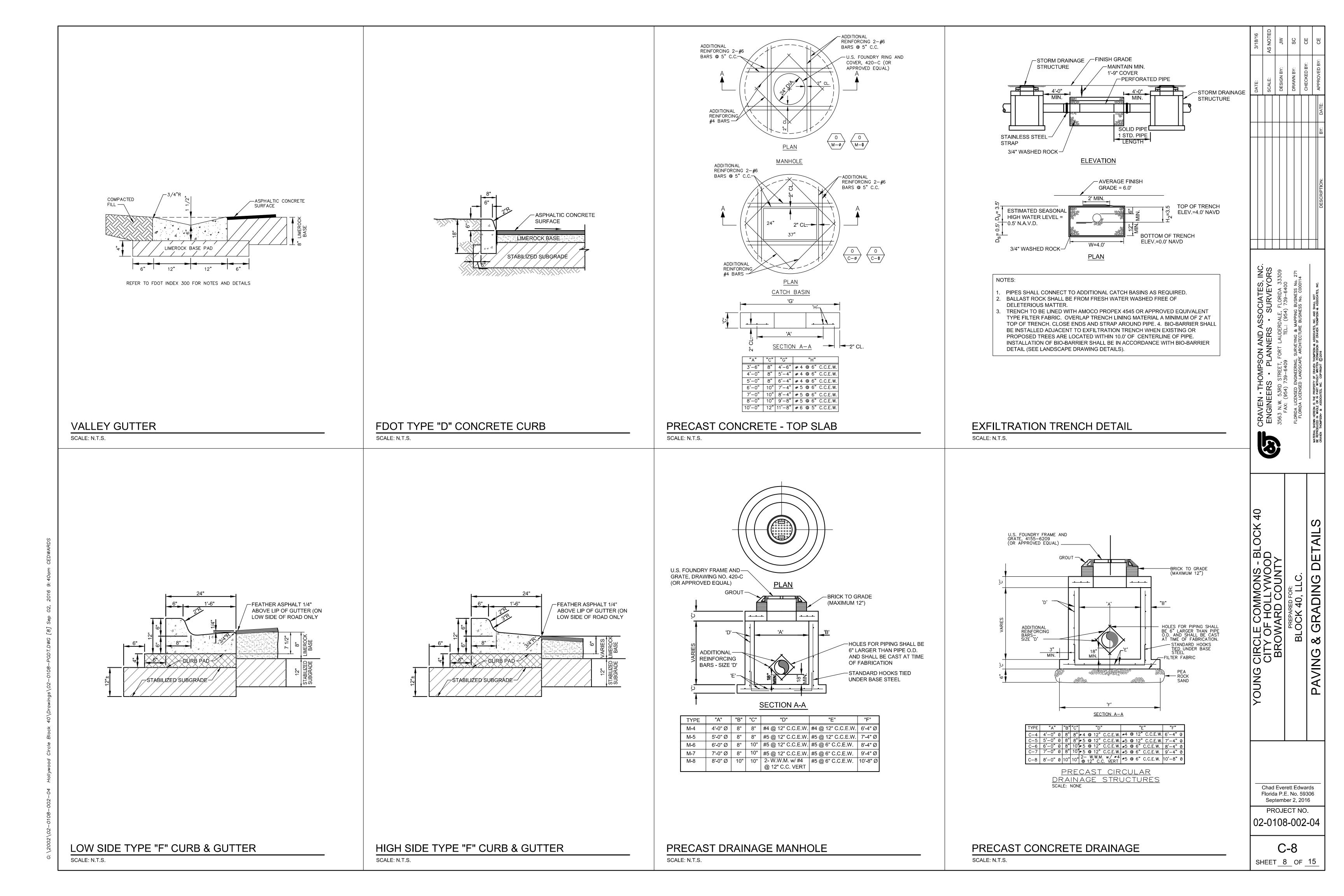


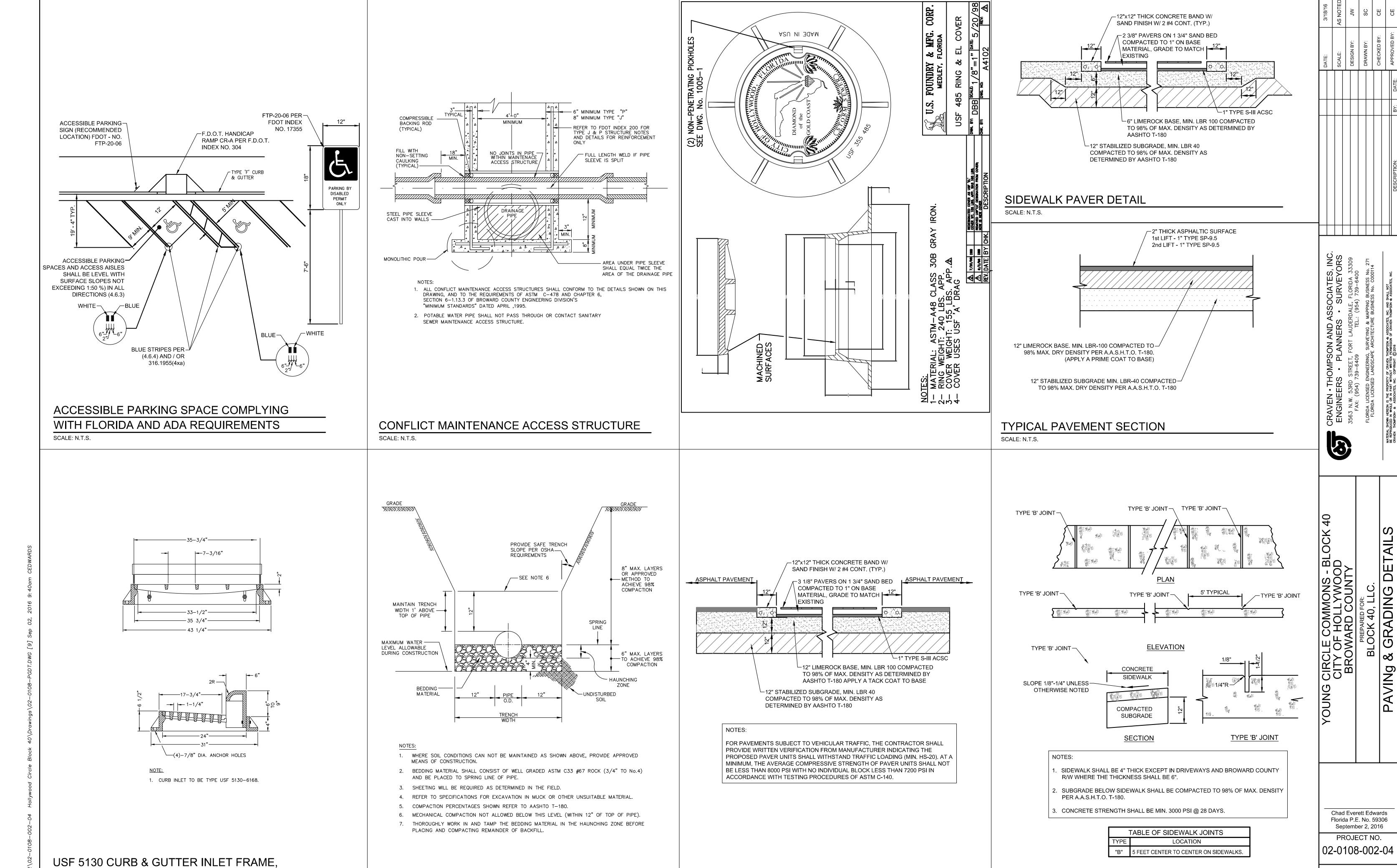
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STREET PAVER DETAIL

SCALE: N.T.S.

SIDEWALK DETAILS

SHEET 9 OF 15

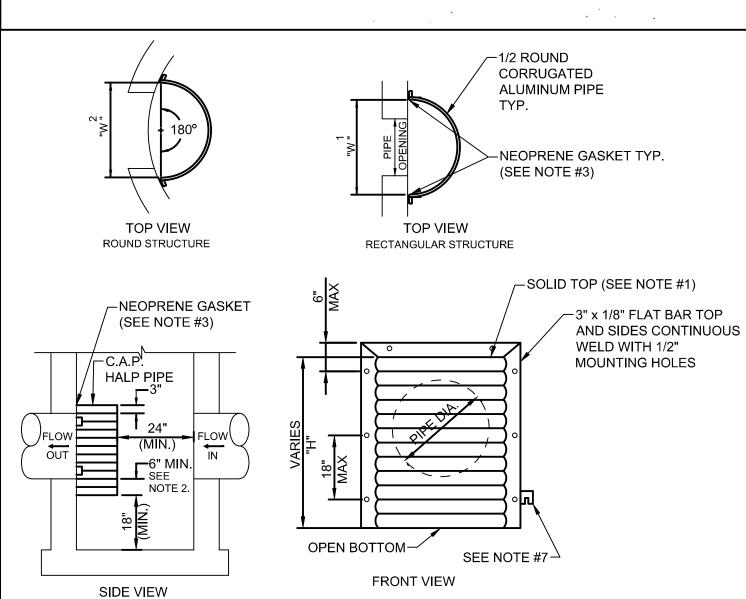
SCALE: N.T.S.

**HOOD AND GRATE SERIES** 

SCALE: N.T.S.

TRENCH DETAIL

SCALE: N.T.S.



# NOTES:

1. ALUMINUM SHEET OF SAME THICKNESS (GAUGE) AS PIPE SHALL BE WELDED TO CLOSE OPENING AT THE TOP.

- THE BOTTOM ELEVATION OF THE POLLUTION RETARDANT BAFFLE MUST BE AT LEAST <u>2' BELOW CONTROL ELEVATION.</u>
- 3. NEOPRENE ADHESIVE BACKED GASKET, OR APPROVED EQUAL (1" x 2") SHALL BE INSTALLED ON THE SIDES AND TOP OF ALL BAFFLES.
- 4. POLLUTION RETARDANT BAFFLE TO BE FASTENED IN PLACE WITH 3/8"x4" STAINLESS STEEL "RED HEADS", OR APPROVED EQUAL.
- 5. ALL EXFILTRATION TRENCHES SHALL HAVE A POLLUTION RETARDANT BAFFLE AT EACH CONNECTION POINT TO A STRUCTURE (SEE EXFILTRATION TRENCH DETAIL).
- 6. FIBERGLASS BAFFLES ARE NOT PERMITTED.
- 7. MOUNTING BRACKETS MAY BE ADDED TO FLAT BARS TO EASE INSTALLATION IN ROUND STRUCTURES. SPACING TO MATCH HOLES IN FLAT BARS.

# POLLUTION RETARDENT BAFFLE

16 VARIES

16 VARIES

16 VARIES

16 VARIES

14 VARIES

14 VARIES

14 VARIES

14 VARIES

DIA. (IN) (IN) (GAUGE) (IN)

54" | 60" | 66" | 14 | VARIES

RECTANGULAR STRUCTURE

15" 21" 21"

18" | 24" | 24" |

21" 30" 30"

24" 30" 36"

30" | 36" | 42" |

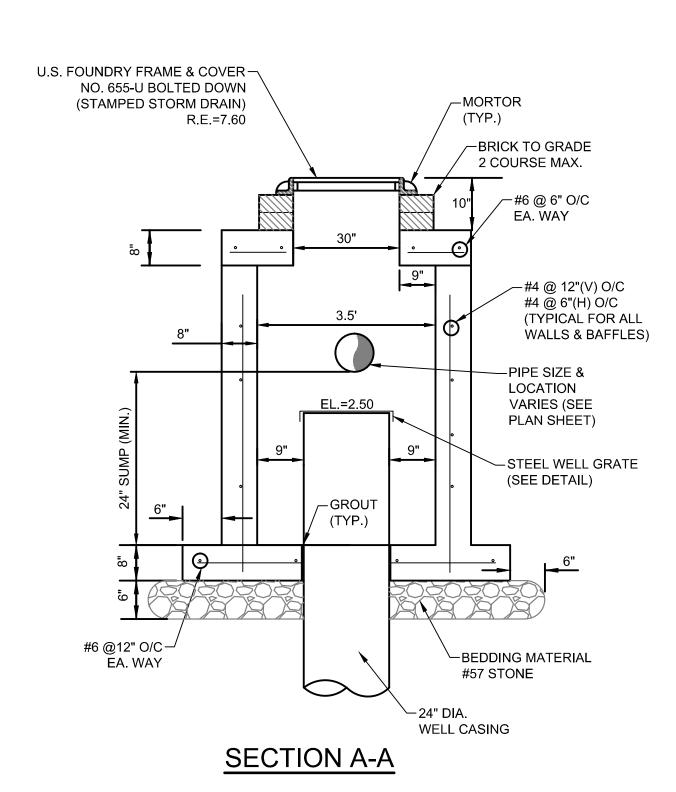
36" | 42" | 48" |

42" | 48" | 54"

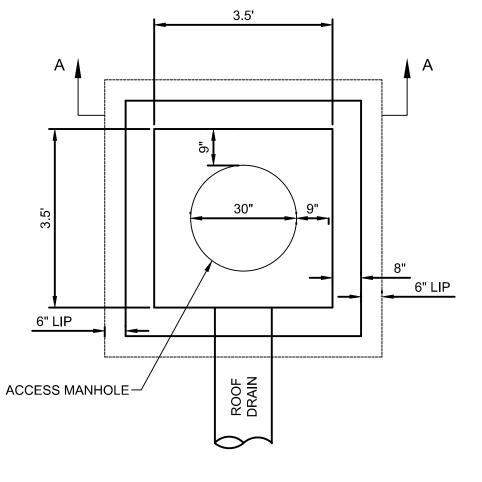
48" 54" 60"

2. ROUND STRUCTURE

SCALE: N.T.S.



SEE PLAN VIEW SHEET FOR STRUCTURE AND WELL ORIENTATION



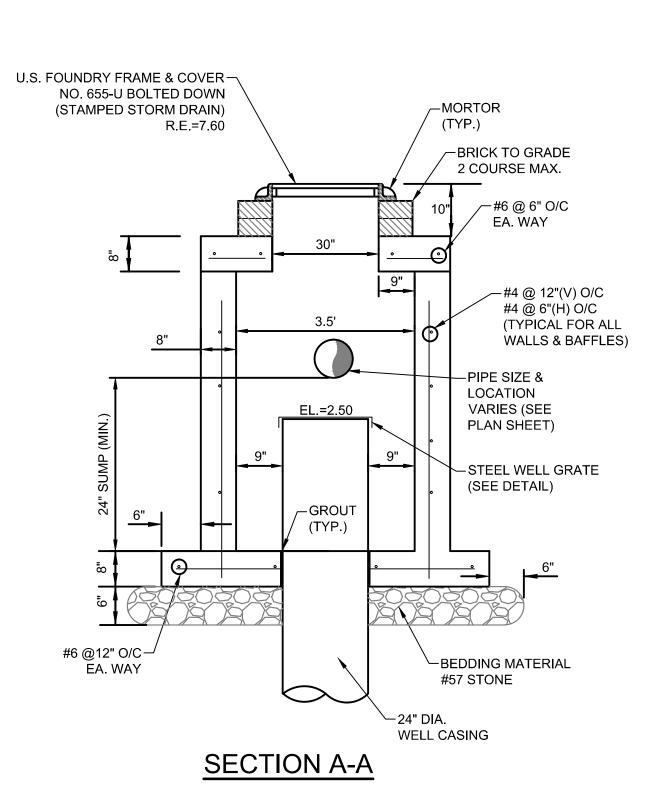
PLAN

# NOTES

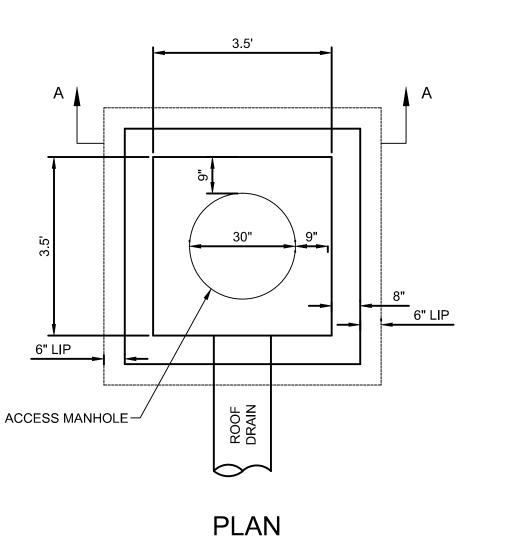
- 1. 300 GPM/FT HD.
- 2. 2' OF HEAD ASSUMED TO OVERCOME DENSITY DIFFERENTIAL
- 3. 5'x 10' STORM STRUCTURE PER U.S. PRECAST COMPANY
- 4. CONCRETE= 4000 PSI @ 28 DAYS.
- 5. HOLES FOR PIPING SHALL BE 6" LARGER THAN PIPE O.D.
- 6. AND SHALL BE CAST AT TIME OF FABRICATION
- 7. BAFFLE WALL IS POURED SEPARATELY & IS GROUTED INTO KEYWAY WHICH IS CAST INTO THE WALL SECTION. THE BAFFLE IS USED TO TRAP FLOATING POLLUTANTS IN THE UPSTREAM SIDE OF CHAMBER BEFORE REACHING THE STORMWATER WELL
- 8. WATER TABLE ELEVATION=0.5 N.A.V.D.
- 9. WELL SHALL HAVE A MINIMUM CAPACITY OF 300 GPM. WELL IS TO HAVE A MIMINUM 155' OF CASING DEPTH WITH 30' OF OPEN HOLE DEPTH. CONTRACTOR SHALL ANTICIPATE 220' CASING DEPTH WITH 30' OF OPEN HOLE DEPTH FOR PRICING PURPOSES. CONTRACTOR IS TO CONTACT ENGINEER AT VARIOUS DEPTHS DURING WELL TO DETERMINE ACTUAL DEPTH OF WELL BASED ON FIELD CONDITIONS.
- 10. WELL CONTRACTOR IS RESPONSIBLE TO PROVIDE REASONABLE ASSURANCE REPORT REQUIRED BY FDEP.
- 11. ENGINEER SHALL BE NOTIFIED IMMEDIATELY IF ANTICIPATED WELL DISCHARGE RATE IS NOT ACHIEVED.

# PRECAST DRAINAGE WELL #1

SCALE: N.T.S.



SEE PLAN VIEW SHEET FOR STRUCTURE AND WELL ORIENTATION

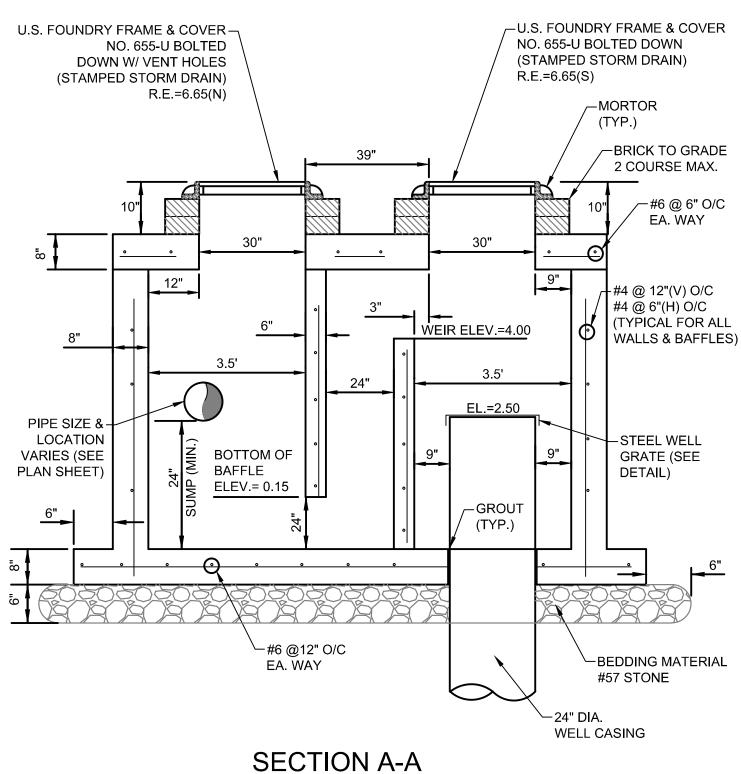


# NOTES

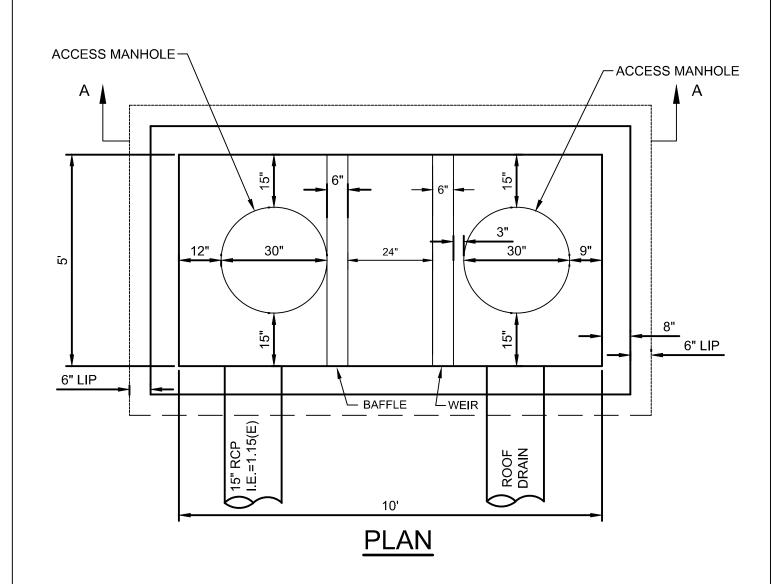
- 300 GPM/FT HD.
- 2. 2' OF HEAD ASSUMED TO OVERCOME DENSITY DIFFERENTIAL.
- 3. 3.5' x 3.5' STORM STRUCTURE PER U.S. PRECAST COMPANY
- 4. CONCRETE= 4000 PSI @ 28 DAYS.
- HOLES FOR PIPING SHALL BE 6" LARGER THAN PIPE O.D.
  AND SHALL BE CAST AT TIME OF FABRICATION
- BAFFLE WALL IS POURED SEPARATELY & IS GROUTED INTO KEYWAY WHICH IS CAST INTO THE WALL SECTION. THE BAFFLE IS USED TO TRAP FLOATING POLLUTANTS IN THE UPSTREAM SIDE OF CHAMBER BEFORE REACHING THE STORMWATER WELL
- WATER TABLE ELEVATION=0.5 N.A.V.D.
- 9. WELL SHALL HAVE A MINIMUM CAPACITY OF 300 GPM. WELL IS TO HAVE A MIMINUM 155' OF CASING DEPTH WITH 30' OF OPEN HOLE DEPTH. CONTRACTOR SHALL ANTICIPATE 220' CASING DEPTH WITH 30' OF OPEN HOLE DEPTH FOR PRICING PURPOSES. CONTRACTOR IS TO CONTACT ENGINEER AT VARIOUS DEPTHS DURING WELL TO DETERMINE ACTUAL DEPTH OF WELL BASED ON FIELD CONDITIONS.
- 0. WELL CONTRACTOR IS RESPONSIBLE TO PROVIDE REASONABLE ASSURANCE REPORT REQUIRED BY FDEP.
- 11. ENGINEER SHALL BE NOTIFIED IMMEDIATELY IF ANTICIPATED WELL DISCHARGE RATE IS NOT ACHIEVED.

# PRECAST DRAINAGE WELL #2

SCALE: N.T.S.



SEE PLAN VIEW SHEET FOR STRUCTURE AND WELL ORIENTATION

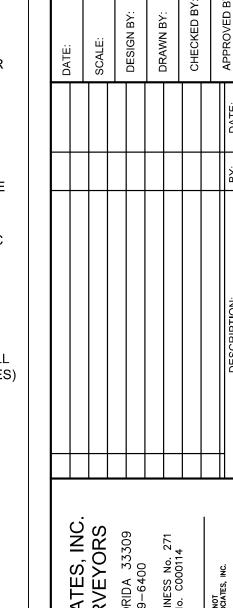


# NOTES

- 1. 300 GPM/FT HD.
- 2. 2' OF HEAD ASSUMED TO OVERCOME DENSITY DIFFERENTIAL.
- 3. 5'x 10' STORM STRUCTURE PER U.S. PRECAST COMPANY
- 4. CONCRETE= 4000 PSI @ 28 DAYS.
- 5. HOLES FOR PIPING SHALL BE 6" LARGER THAN PIPE O.D.
  6. AND SHALL BE CAST AT TIME OF FABRICATION
- 7. BAFFLE WALL IS POURED SEPARATELY & IS GROUTED INTO KEYWAY WHICH IS CAST INTO THE WALL SECTION. THE BAFFLE IS USED TO TRAP FLOATING POLLUTANTS IN THE UPSTREAM SIDE OF CHAMBER BEFORE REACHING THE STORMWATER WELL
- 8. WATER TABLE ELEVATION=0.5 N.A.V.D.
- 9. WELL SHALL HAVE A MINIMUM CAPACITY OF 300 GPM. WELL IS TO HAVE A MIMINUM 155' OF CASING DEPTH WITH 30' OF OPEN HOLE DEPTH. CONTRACTOR SHALL ANTICIPATE 220' CASING DEPTH WITH 30' OF OPEN HOLE DEPTH FOR PRICING PURPOSES. CONTRACTOR IS TO CONTACT ENGINEER AT VARIOUS DEPTHS DURING WELL TO DETERMINE ACTUAL DEPTH OF WELL BASED ON FIELD CONDITIONS.
- 10. WELL CONTRACTOR IS RESPONSIBLE TO PROVIDE REASONABLE ASSURANCE REPORT REQUIRED BY FDEP.
- 11. ENGINEER SHALL BE NOTIFIED IMMEDIATELY IF ANTICIPATED WELL DISCHARGE RATE IS NOT ACHIEVED.

# PRECAST DRAINAGE WELL #3

SCALE: N.T.S.



CRAVEN • THOMPSON AND A ENGINEERS • PLANNERS
3563 N.W. 53RD STREET, FORT LAUDER
FAX: (954) 739-6409
FLORIDA LICENSED ENGINEERING, SURVEYING & M
FLORIDA LICENSED LANDSCAPE ARCHITECTURE



HOLLYWOOD
RD COUNTY
AD COUNTY
K 40, LLC.

CITY OF HOLLYW
BROWARD COUI
PREPARED FOR:
BLOCK 40, LLC

<u>-</u>

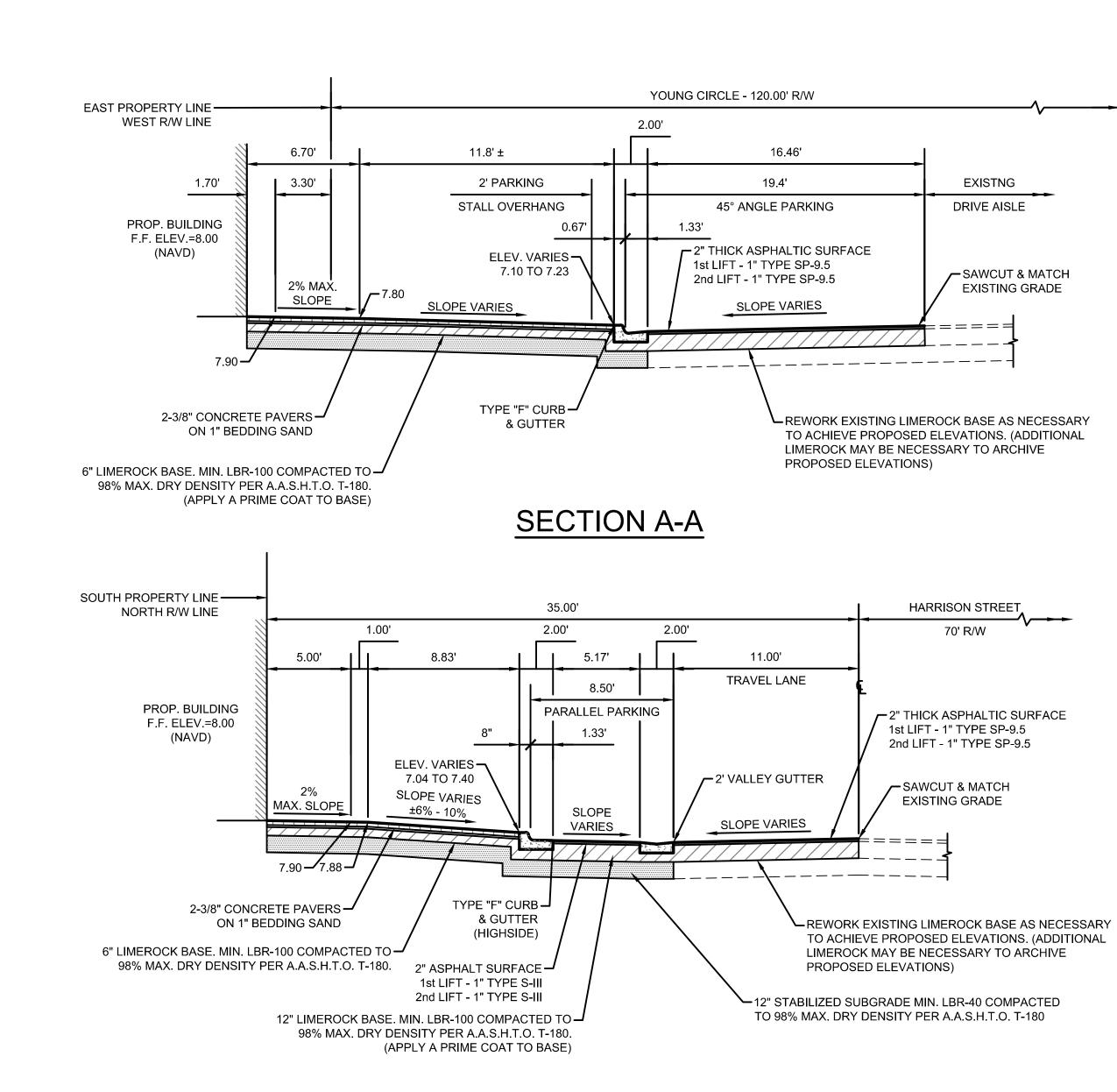
Chad Everett Edwards Florida P.E. No. 59306 September 2, 2016

PROJECT NO. 02-0108-002-04

02-0100-002-

C-10

SHEET 10 OF 15



# SECTION B-B

3/18/16	AS NOTED	Mς	٥	၁၈	SE	L	SE	
DATE	SCALE:	DESIGN BY:	DD AWAIN BV:	DIAMIN DI.	CHECKED BY:		APPROVED BY:	
							DATE:	
							BY:	
							DESCRIPTION:	

3	ENGINEERS • PLANNERS • SURVEYORS
	3563 N.W. 53RD STREET, FORT LAUDERDALE, FLORIDA 33309 FAX: (954) 739-6409 TEL.: (954) 739-6400
	FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS No. 271 FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. C000114
MATERIAL \$	MATERIAL SHOWN HEREON IS THE PROPERTY OF CRAVEN THOMPSON & ASSOCIATES, INC. AND SHALL NOT

<del>-</del>	2

CITY OF HOLLYWOOD

BROWARD COUNTY

PREPARED FOR:
BLOCK 40, LLC.

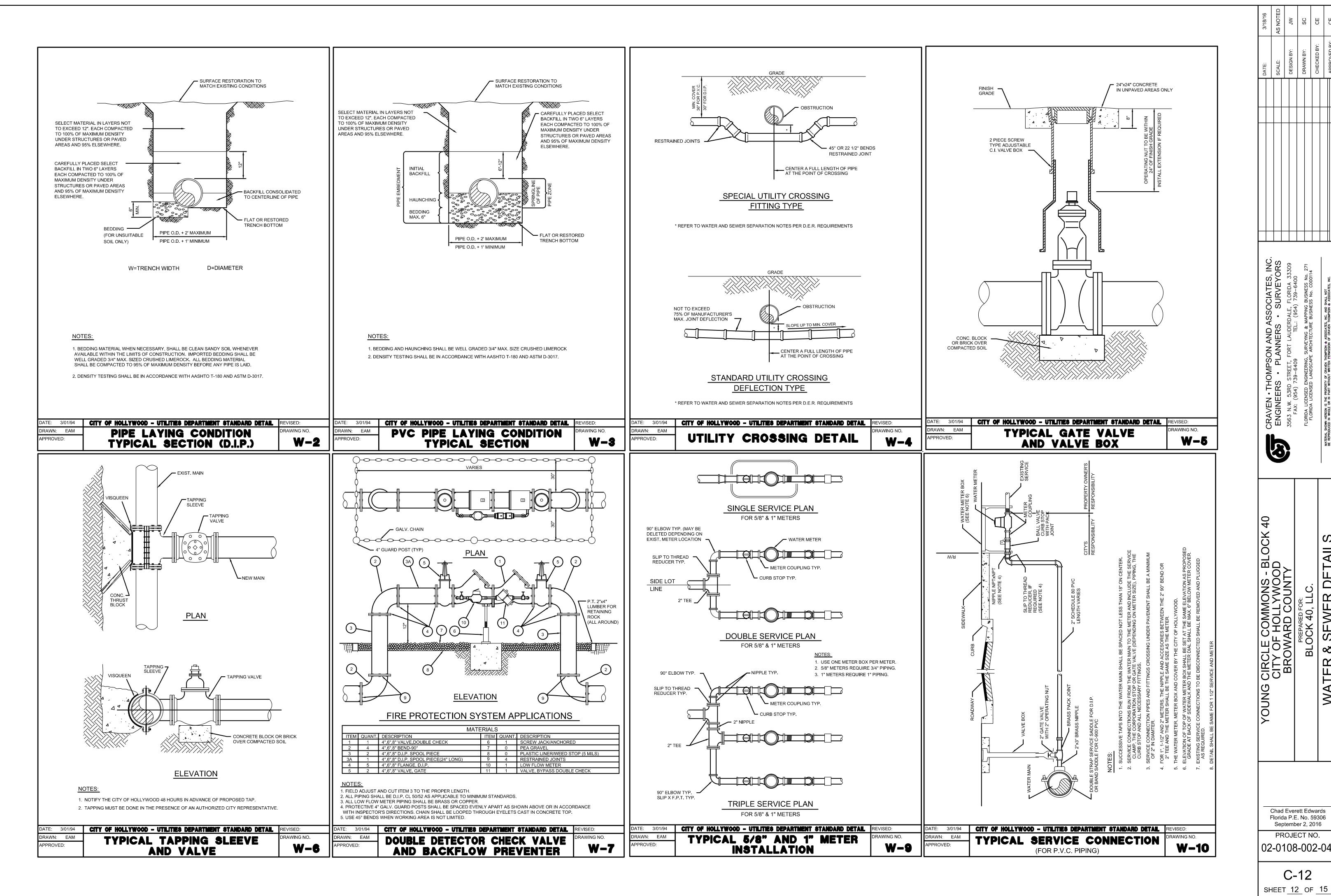
TYPICAL SECTIONS

Chad Everett Edwards Florida P.E. No. 59306 September 2, 2016

PROJECT NO. 02-0108-002-04

C-11
SHEET 11 OF 15

G: \2002\02-0108

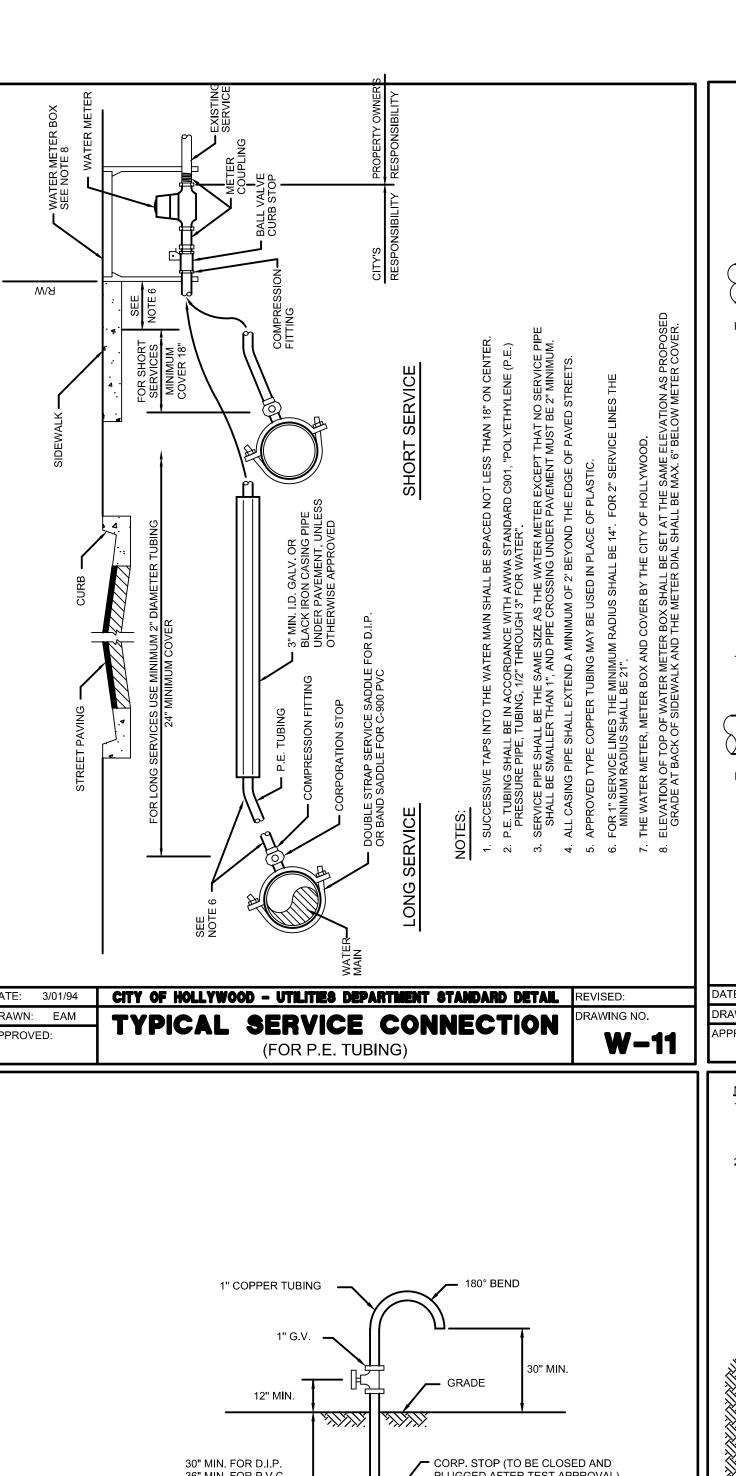


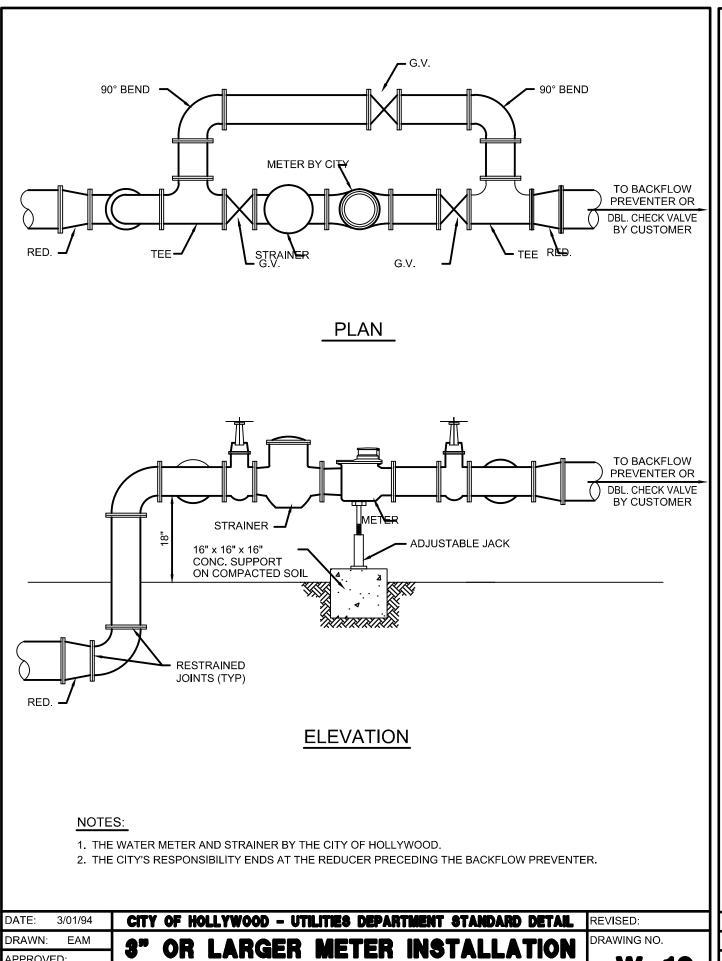
C-12 SHEET 12 OF 15

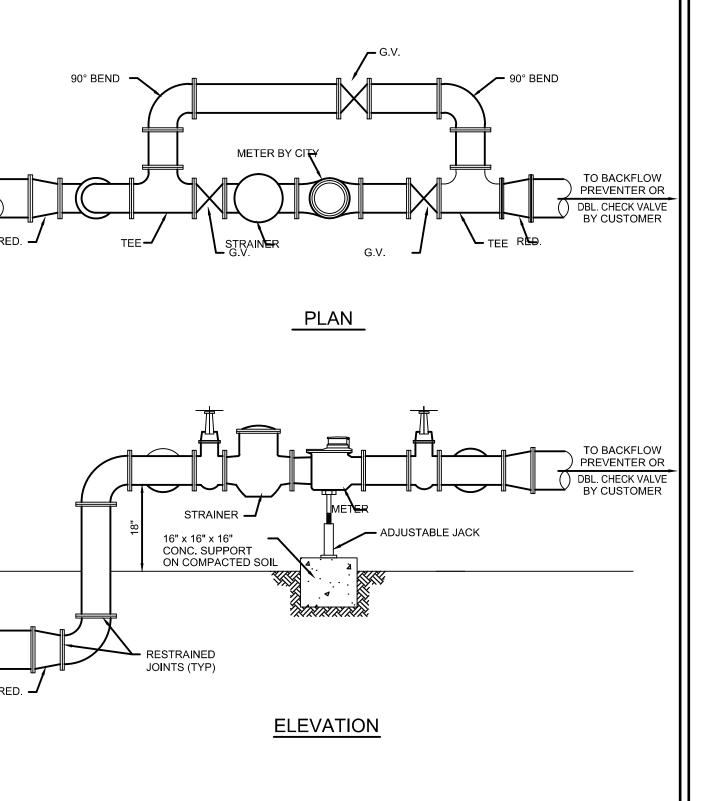
Chad Everett Edwards

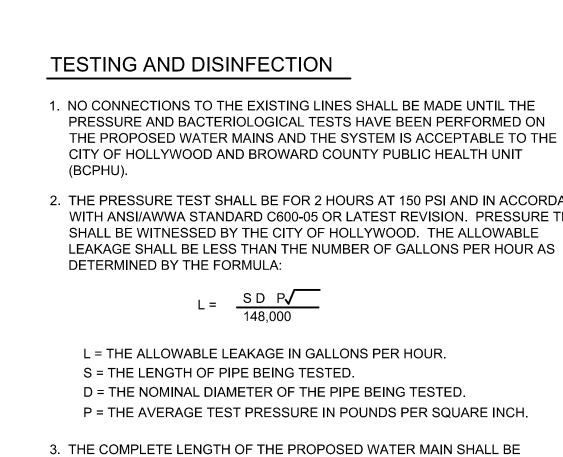
Florida P.E. No. 59306 September 2, 2016

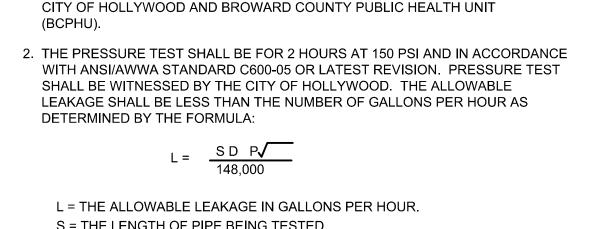
PROJECT NO.







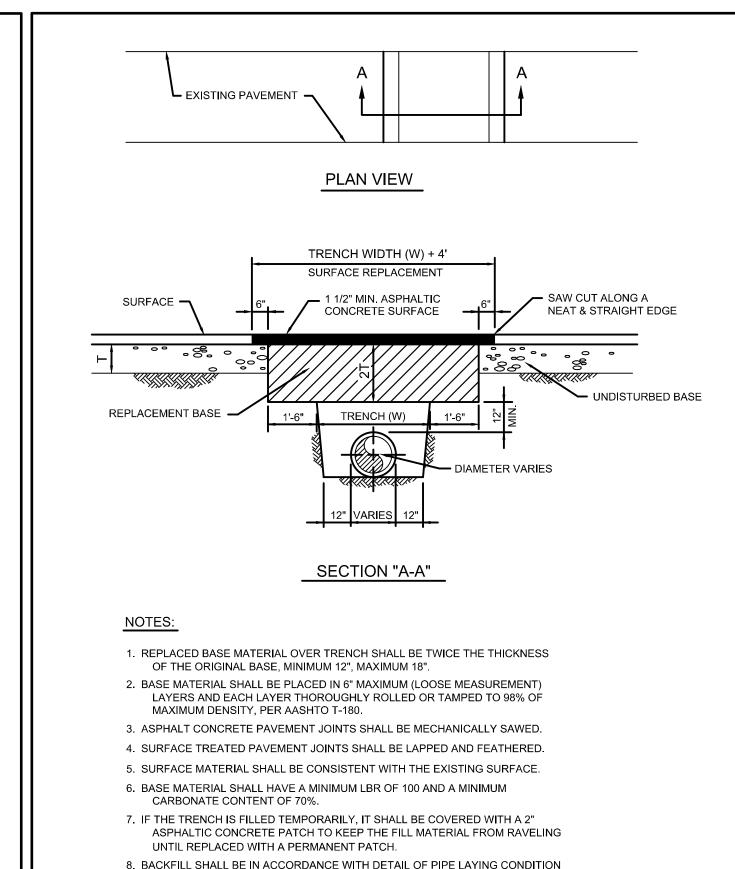


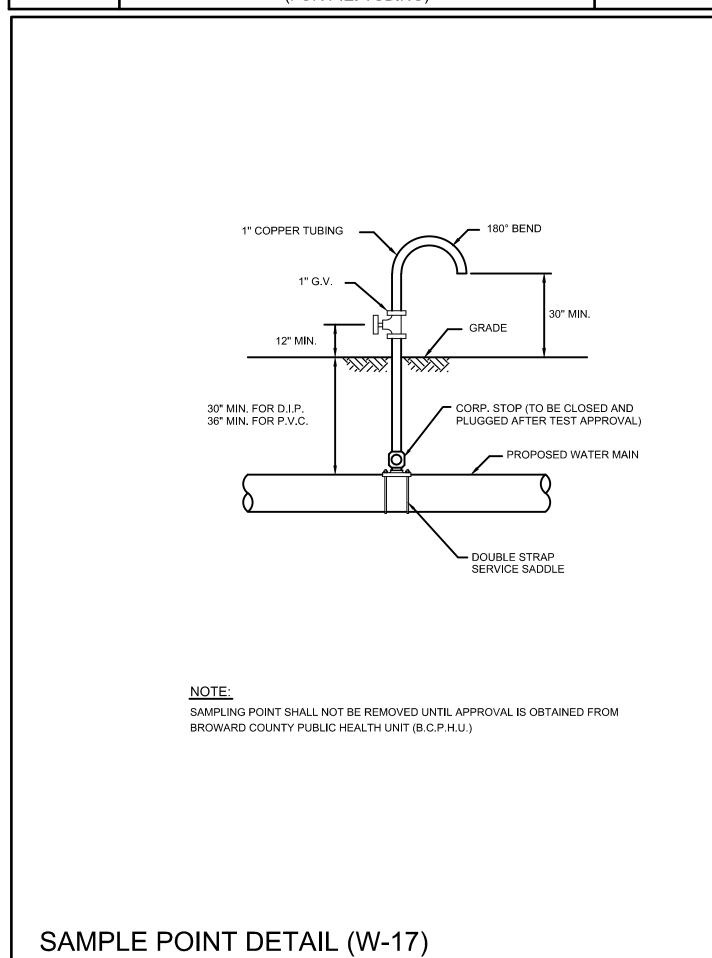


P = THE AVERAGE TEST PRESSURE IN POUNDS PER SQUARE INCH.

TESTED, IN LENGTHS NOT TO EXCEED 2,000 FEET PER TEST.

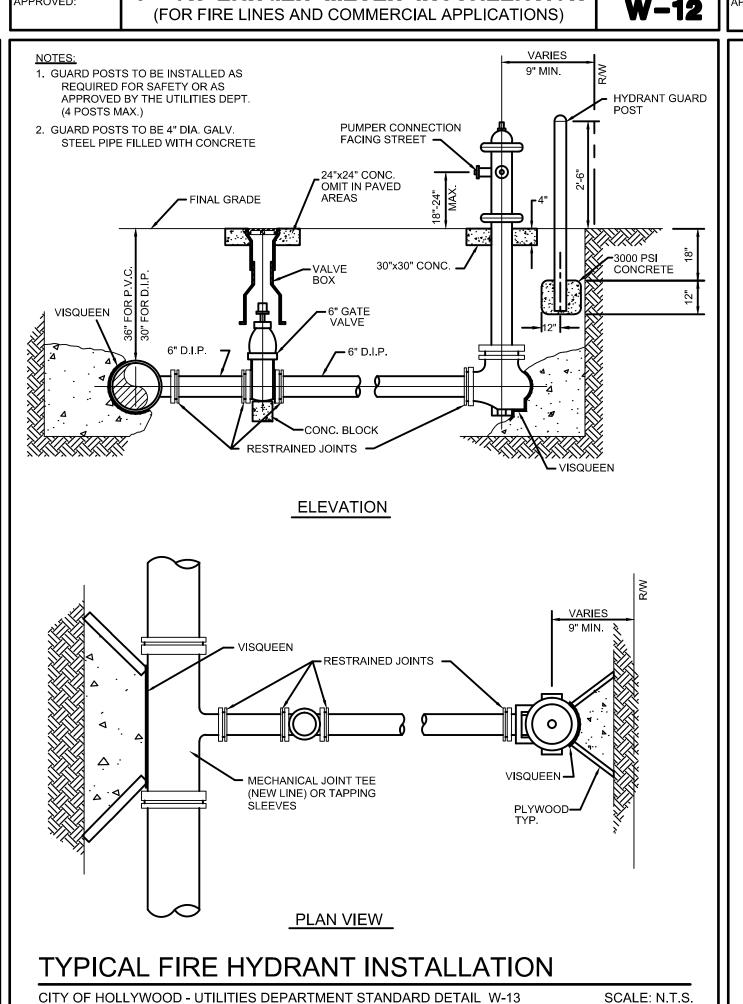
4. PROPOSED WATER MAINS SHALL BE DISINFECTED IN ACCORDANCE WITH ANSI/AWWA STANDARD C651-05 OR LATEST REVISION AND BACTERIOLOGICALLY TESTED FOR TWO CONSECUTIVE DAYS. THE CITY OF HOLLYWOOD WATER TREATMENT PLANT LABORATORY WILL BE THE SOLE SAMPLER AND WILL PROVIDE BACTERIOLOGICAL TESTING.

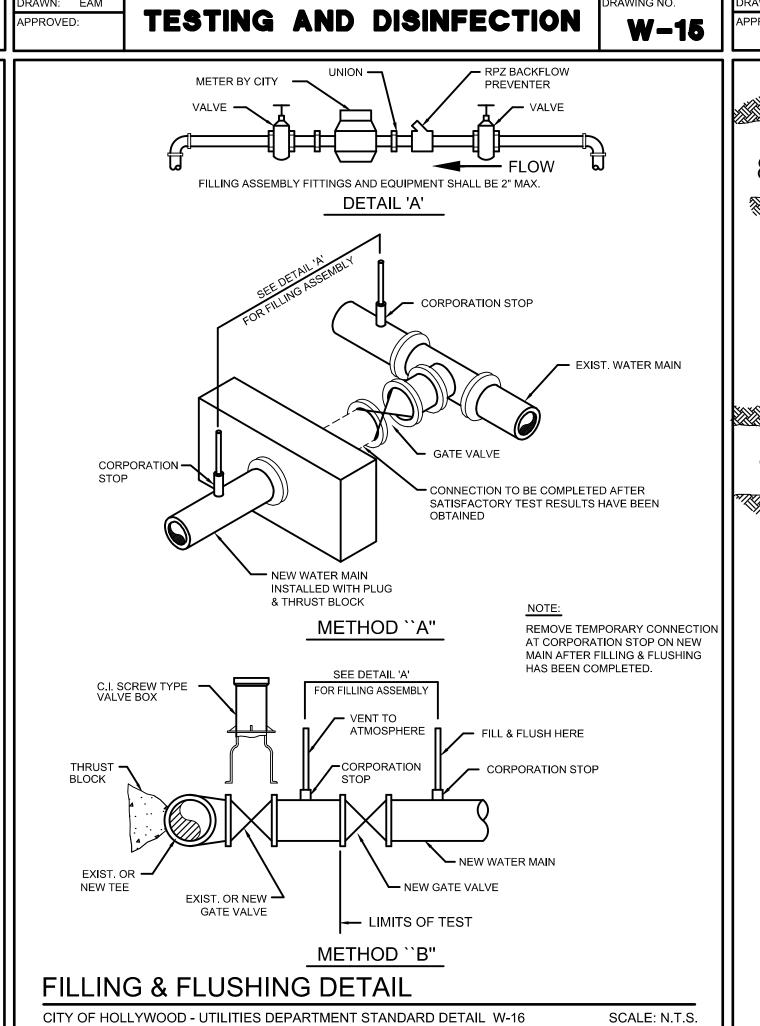




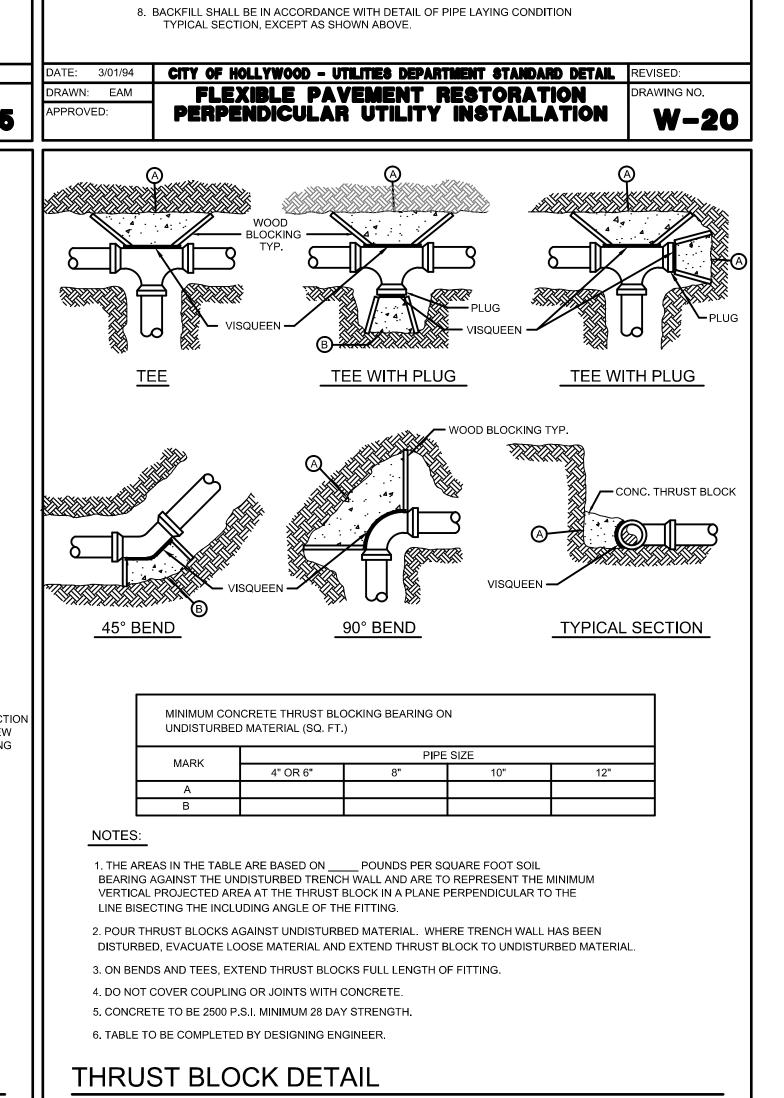
CITY OF HOLLYWOOD - UTILITIES DEPARTMENT STANDARD DETAIL W-17

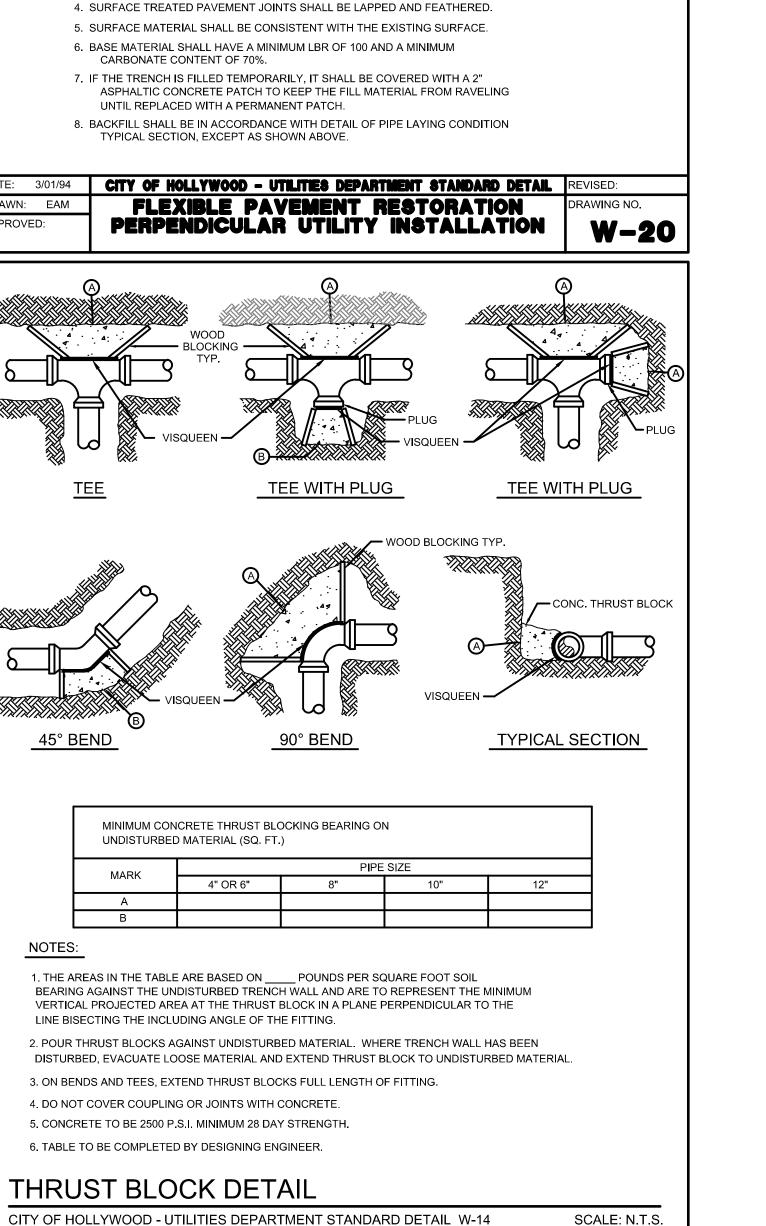
SCALE: N.T.S.





CITY OF HOLLYWOOD - UTILITIES DEPARTMENT STANDARD DETAIL REVISED:



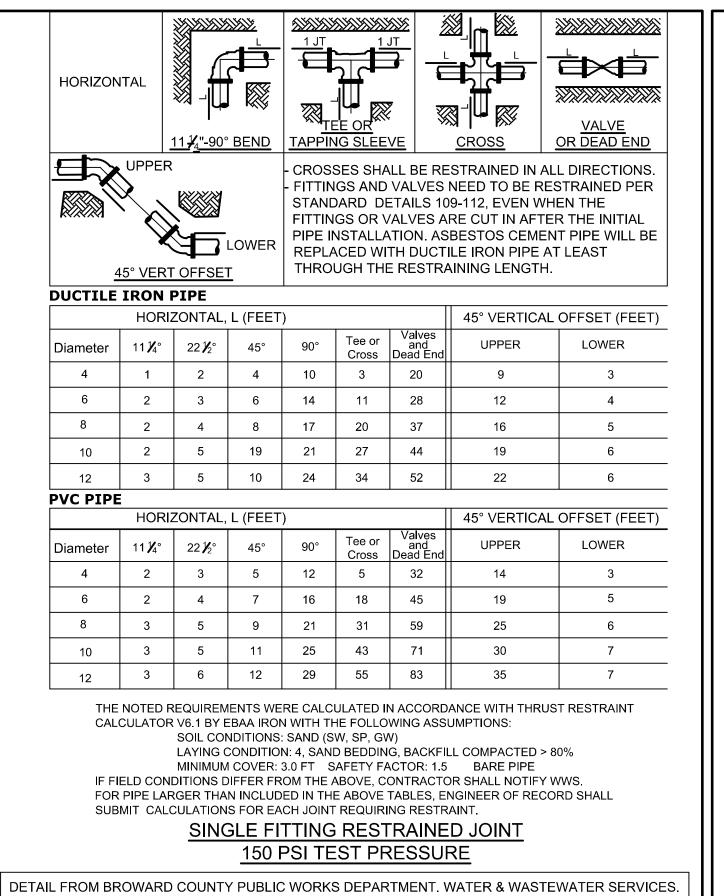


Chad Everett Edwards Florida P.E. No. 59306 September 2, 2016

PROJECT NO. 02-0108-002-04

C-13

SHEET 13 OF 15



PLAN OF BOTTOM AND FLOW CURVES TYPICAL SECTION 1. INVERT CHANNELS TO BE CONSTRUCTED FOR SMOOTH FLOW WITH NO OBSTRUCTIONS. 2. SPILLWAYS SHALL BE CONSTRUCTED BETWEEN PIPES WITH DIFFERENT INVERT ELEVATIONS PROVIDING SMOOTH FLOWS. 3. CHANNELS FOR FUTURE CONNECTIONS (STUBS) SHALL BE CONSTRUCTED FILLED WITH SAND & COVERED WITH 1" OF MORTAR. 4. WHEN FLOW LINE DEFLECTS MORE THAN 45°, A DROP OF 0.10' IS REQUIRED.

SEWER PIPE (TYP.)

MAXIMUM RADIUS

(WHERE APPLICABLE)

-FINISHED PAVEMENT

\_\_1 COAT

KOPPERS

PIPES W/DIFFERENT INVERT ELEV.

(WHERE DIFFERENCE EXCEEDS 2',

USE DROP MANHOLE)

SANITARY SEWER FLOW CHANNEL

CITY OF HOLLYWOOD - UTILITIES DEPARTMENT STANDARD DETAIL

MANHOLE BASE —

MANHOLE WALL —

FORM SMOOTH-CHANNEL IN GROUT

ASBESTOS-CEMENT MANHOLE -COUPLING (FOR PVC ONLY)

FINISHED GRADE -

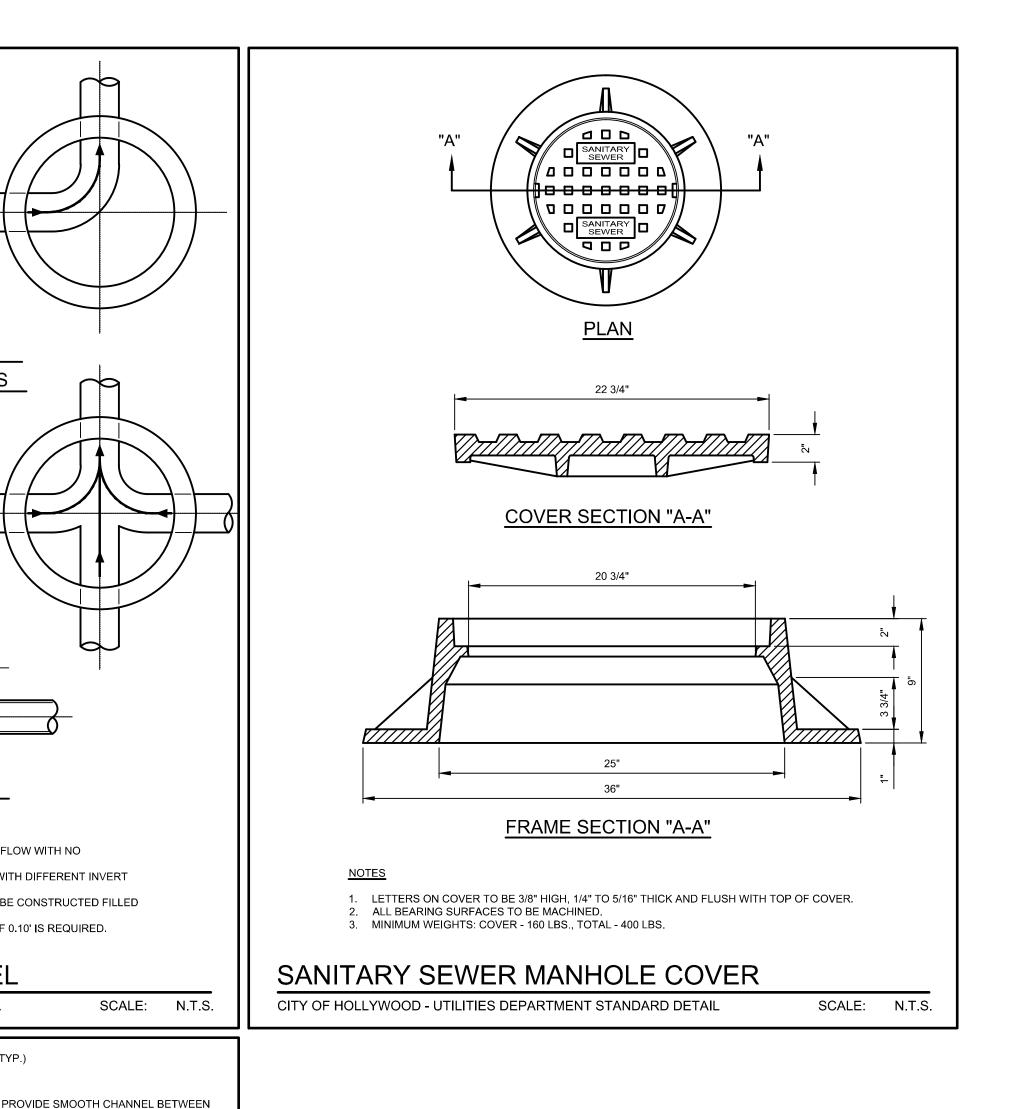
BRICK & MORTAR BY —

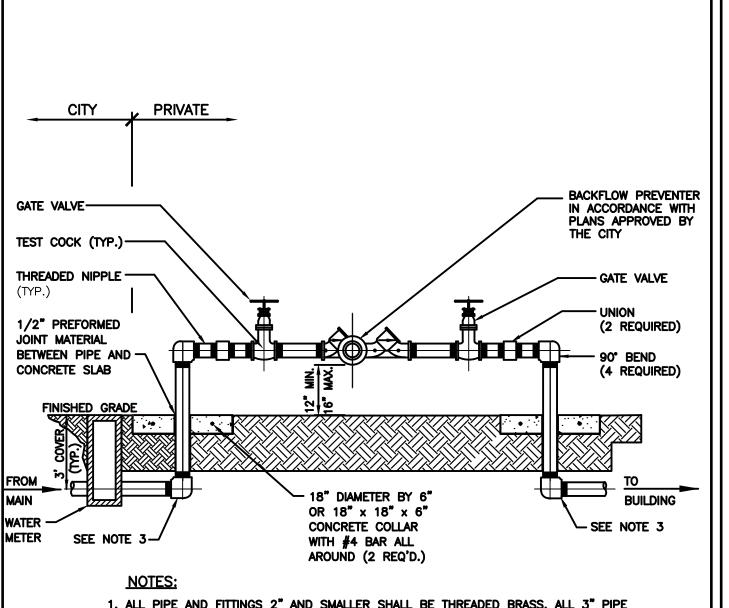
CONTRACTOR (3

U.S. FOUNDRY TYPE 485-C-ORS —

FRAME COVER MARKED "SANITARY SEWER" OR APPROVED EQUAL

(PRECAST CONC.)





ENGINEERING DIVISION 2555 WEST COPANS ROAD. POMPANO BEACH, FL 33069. 954-831-0745. DETAIL

RESTRAINED JOINT REQUIREMENTS SINGLE FITTING

- 1. ALL PIPE AND FITTINGS 2" AND SMALLER SHALL BE THREADED BRASS. ALL 3" PIPE TO BE GALVANIZED STEEL.
- 2. ALL PIPE FITTINGS 4" AND LARGER SHALL BE CEMENT—LINED DUCTILE IRON WITH FLANGED FITTINGS FOR ABOVEGROUND USE. MECHANICAL JOINT FITTINGS SHALL BE USED UNDERGROUND WITH RESTRAINED JOINTS AND THRUST COLLARS.
- 3. APPROVED RESTRAINED ALL JOINTS ON UNDERGROUND DUCTILE IRON PIPING 4"
- 4. ALL ABOVEGROUND DUCTILE PIPING, FITTINGS AND VALVES SHALL BE PAINTED RUST-OLEUM BLUE OR APPROVED EQUAL.
- 5. NOT FOR BCWWS APPROVAL.

SCALE: N.T.S.

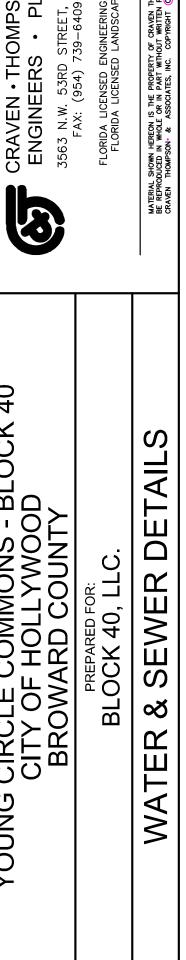
SCALE: N.T.S.

REDUCED PRESSURE BACKFLOW PRVENTER

COURSES MIN. 4 MIN. 300-M, O.A.E. COURSES MAX.) 4'-0" DIA. RAM NECK SEAL OR — ∠2 COATS APPROVED EQUAL KOPPERS 300-M, O.A.E. BRICK/RUBBLE -WITH GROUT 6'-4" DIA. ► MANHOLE ADAPTER **SECTION** 1. SHOP DRAWINGS, SIGNED AND SEALED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER, SHOWING ALL DIMENSIONS AND CALCULATIONS, INCLUDING CONCRETE REINFORCEMENT, SHALL BE SUBMITTED TO THE CITY PRIOR TO INSTALLATION.

2. THE BOTTOM SLAB SHALL BE CAST MONOLITHICALLY WITH THE LOWER WALL SECTION. SANITARY SEWER MANHOLE CITY OF HOLLYWOOD - UTILITIES DEPARTMENT STANDARD DETAIL SCALE: N.T.S.

2'-0"



C-14 SHEET 14 OF 15

Chad Everett Edwards Florida P.E. No. 59306

September 2, 2016

PROJECT NO.

02-0108-002-04

MH # S1 R.E. = 6.97 I.E. = 2.02 (S) I.E. = 2.07 (W) I.E. = 2.14 (E) MH # S2 RE = 6.54 I.E. = 1.12 (S) EXISTING GRADE PROP. CONFLICT STRUCTURE - D1 — R.E. = 6.78
I.E. = -0.67 (W)
I.E = -0.67 (E) /- 6" D.I.P. W.M. EXISTING 6" W.M.+ 201 L.F. - 15" P.V C. @ 0.40% SLOPE 133 L.F. - 15" P.V.C. @ 0.73% \$LOPE 10 LF 15" D.I.P. @ 0.40% SLOPE — 0+00 1+00 2+00 3+00 3+40

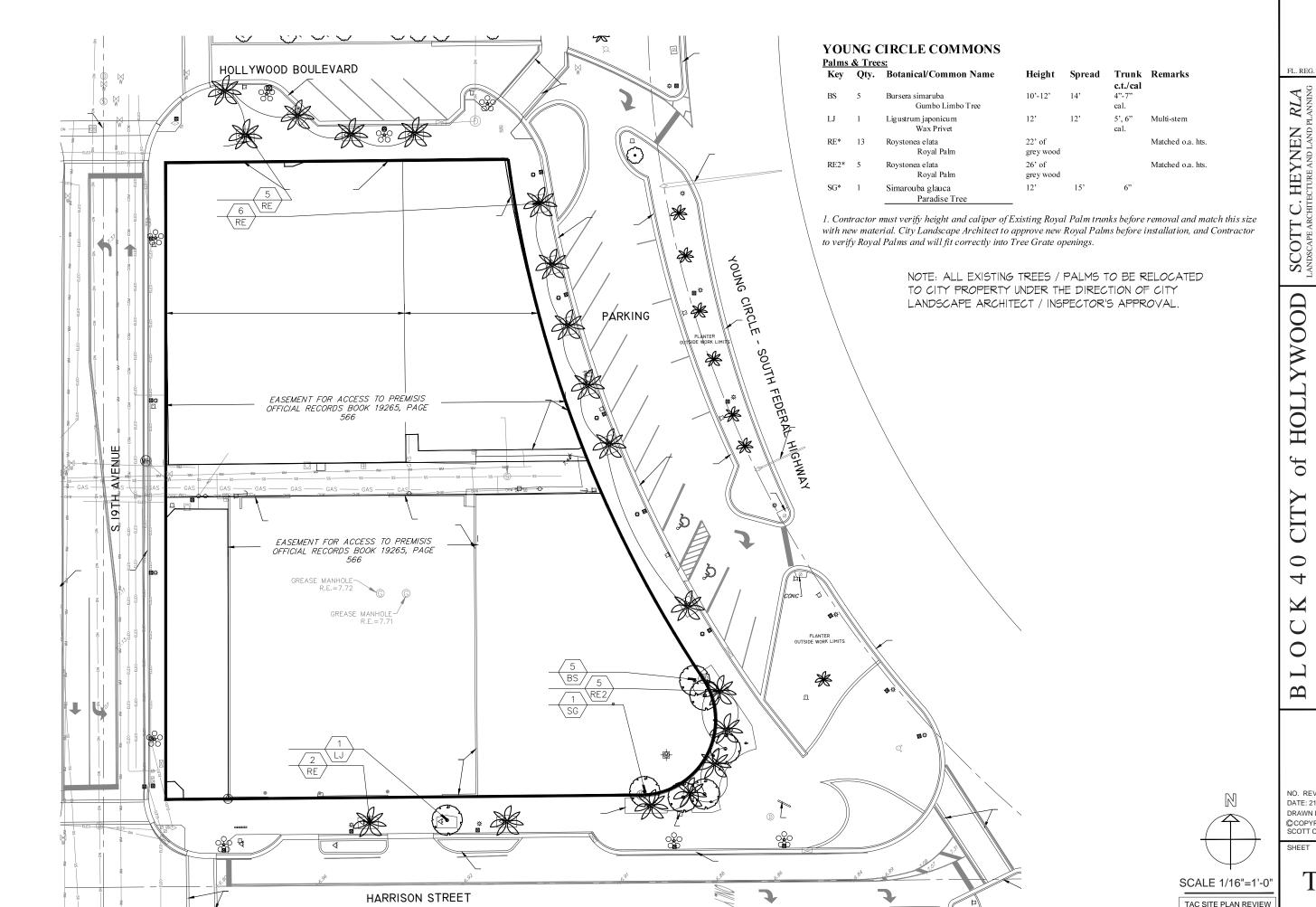
CRAVEN • THOMPSON AND ASSOCIATES, INC.
ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53RD STREET, FORT LAUDERDALE, FLORIDA 33309
FAX: (954) 739-6409
FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS No. 271
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. C000114

Chad Everett Edwards Florida P.E. No. 59306 September 2, 2016

PROJECT NO. 02-0108-002-04

Always call 811 two full business days before you dig

C-15 SHEET 15 OF 15



FL. REG. # LA6666848

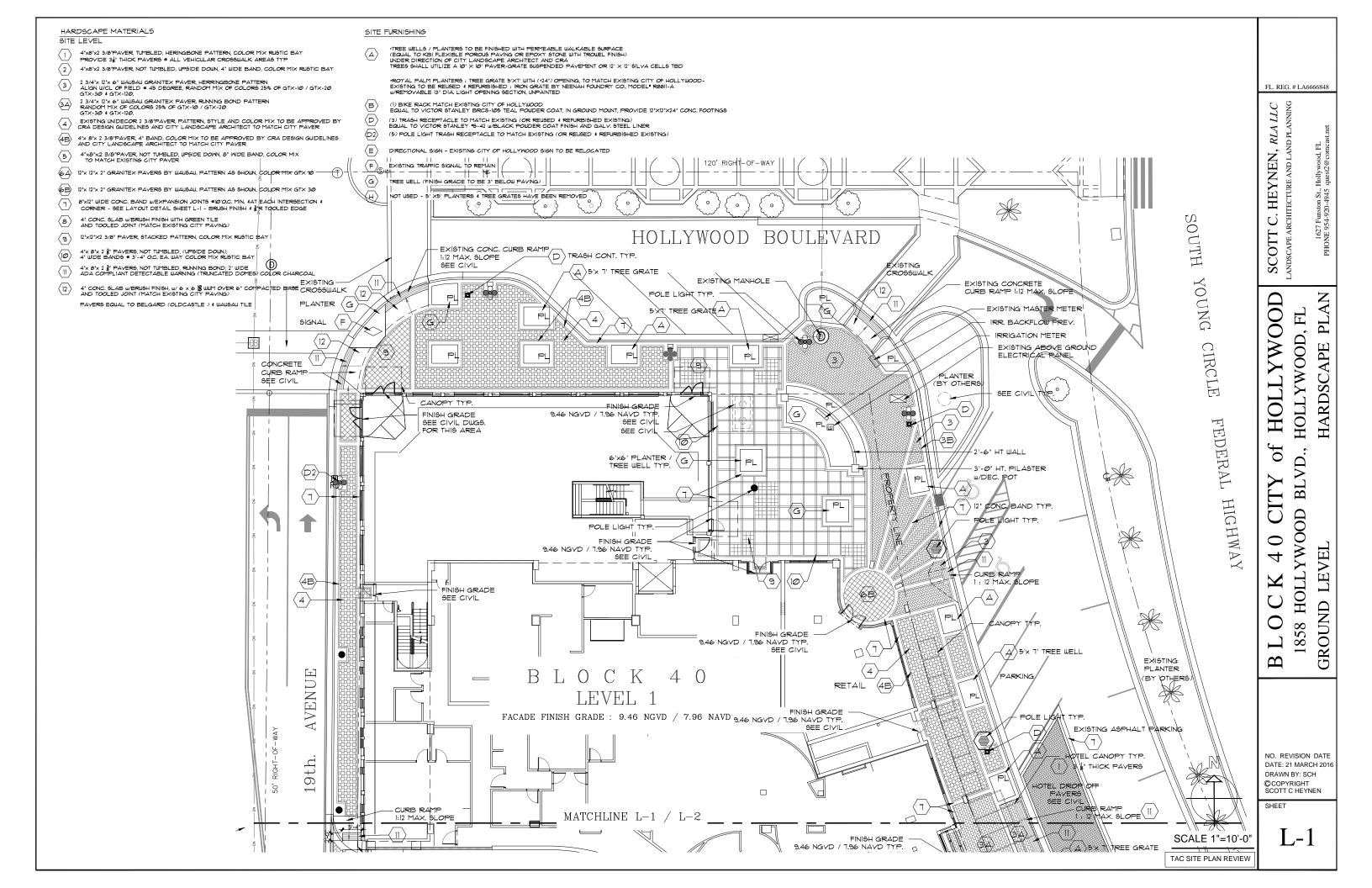
1627 Funston St., Hollywood, I PHONE 954-920-4945 scottchland@g

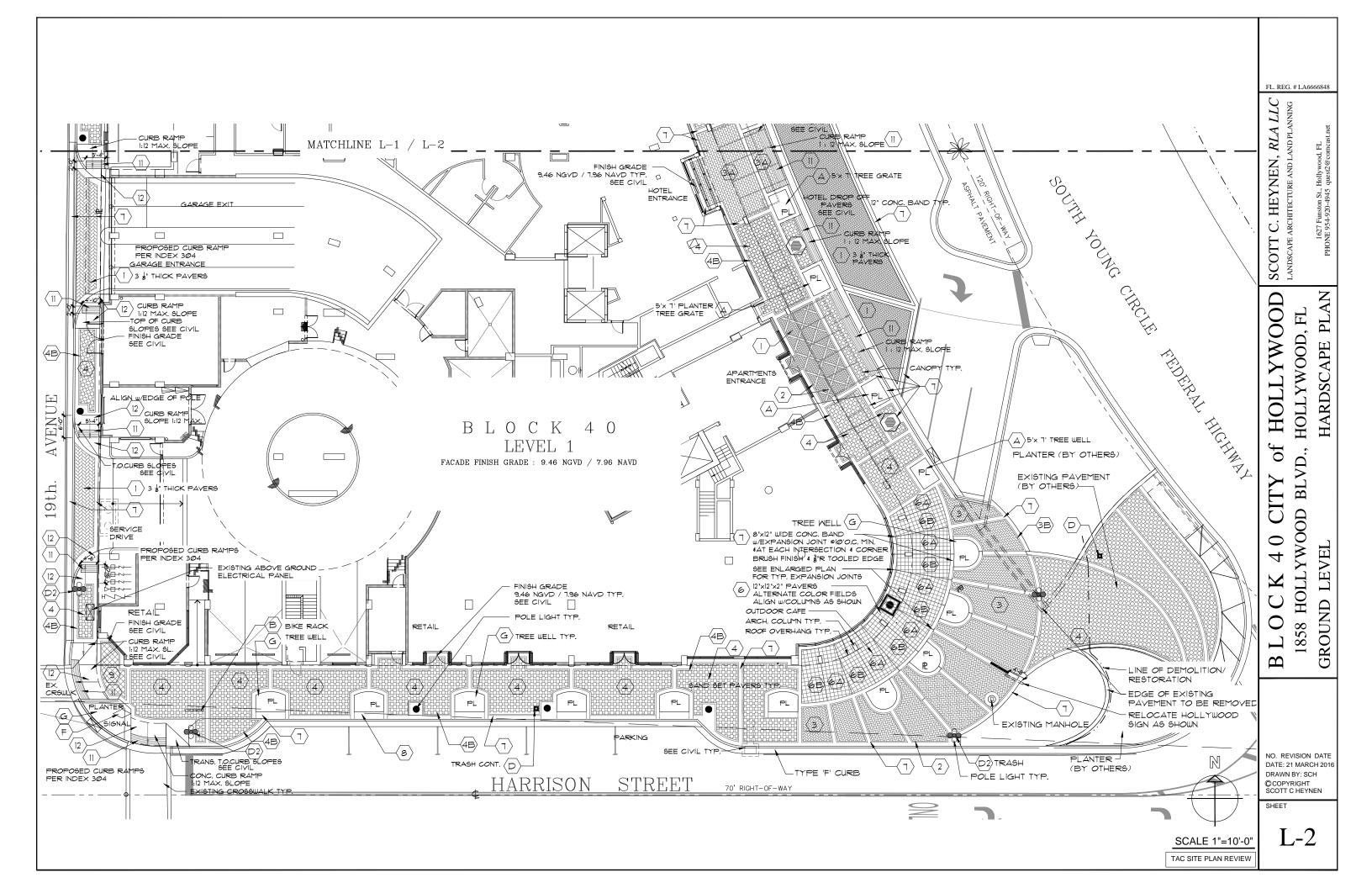
EXISTING TREE PLAN HOLLYWOOD HOLLYWOOD, FL of BLVD., CITY 1858 HOLLYWOOD 0 GROUND LEVEL 4 M  $\mathfrak{P}$ 

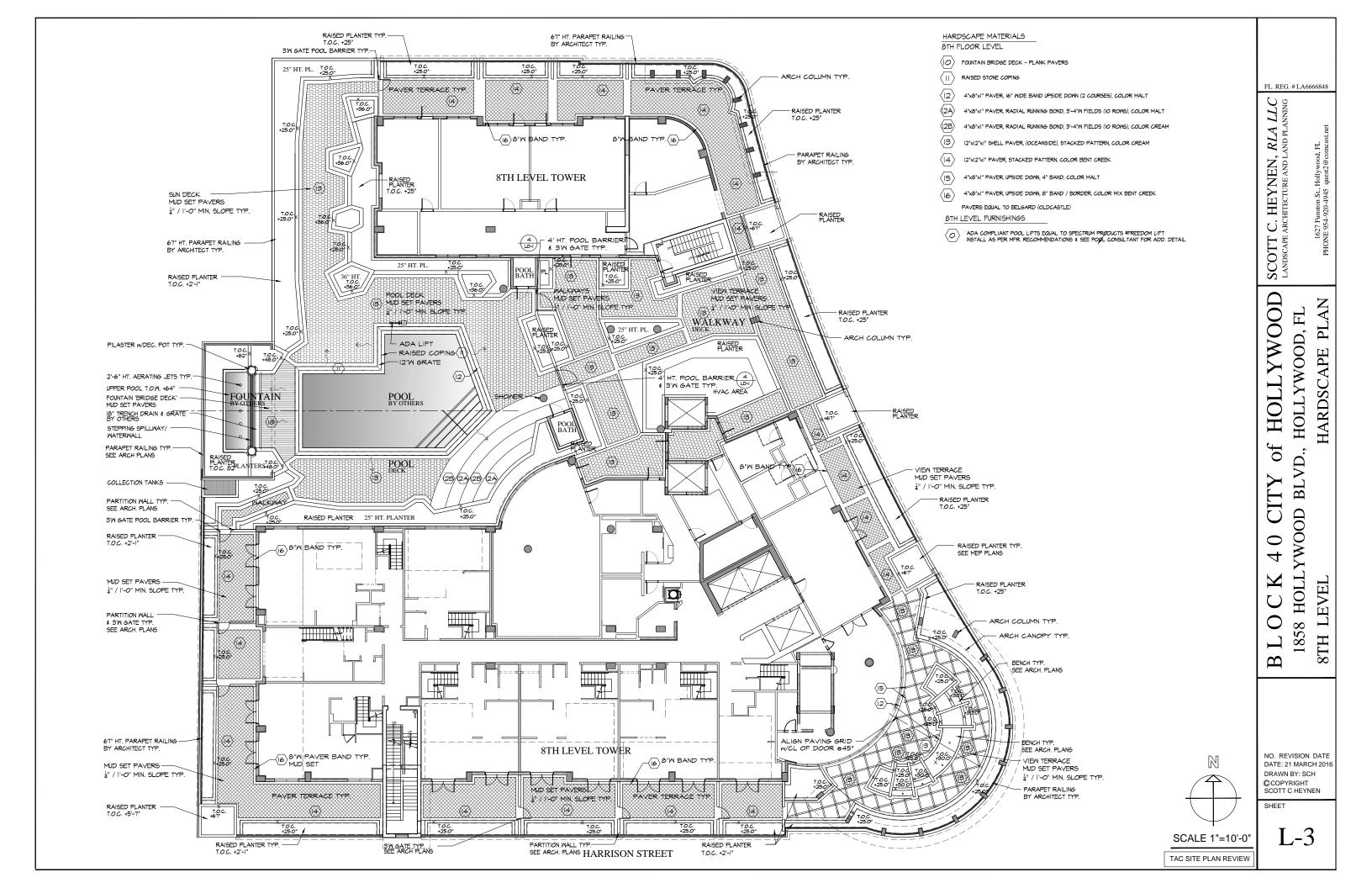
NO. REVISION DATE DATE: 21 MARCH 2016 DRAWN BY: SCH **©**COPYRIGHT SCOTT C HEYNEN

SHEET

T-1







- RAISED STONE COPING, SEE DETAIL ON SHEET LD-I
- $\langle 12 \rangle$ 4"x8"x1" SHELL PAVER, (OCEANSIDE), RUNNING BOND, COLOR SAND
- $\langle | \mathbf{S} \rangle$ 12"x12"x1" SHELL PAVER, (OCEANSIDE), STACKED PATTERN, COLOR CREAM PAVERS EQUAL TO BELGARD (OLDCASTLE)

FL. REG. # LA6666848

SCOTT C. HEYNEN, RLA LLC LANDSCAPE ARCHITECTURE AND LAND PLANNING

1627 Funston St., Hollywood, FL PHONE 954-920-4945 quest2@comcast

HARDSCAPE PLAN

HOLLYWOOD HOLLYWOOD, FL of BLVD., CITY HOLLYWOOD 40

ROOF LEVEL 1858

M

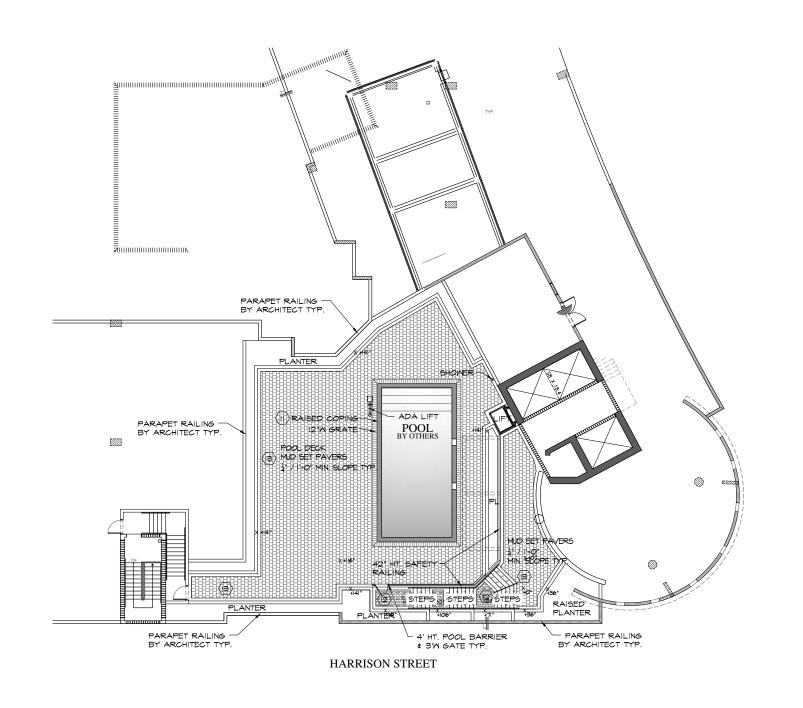
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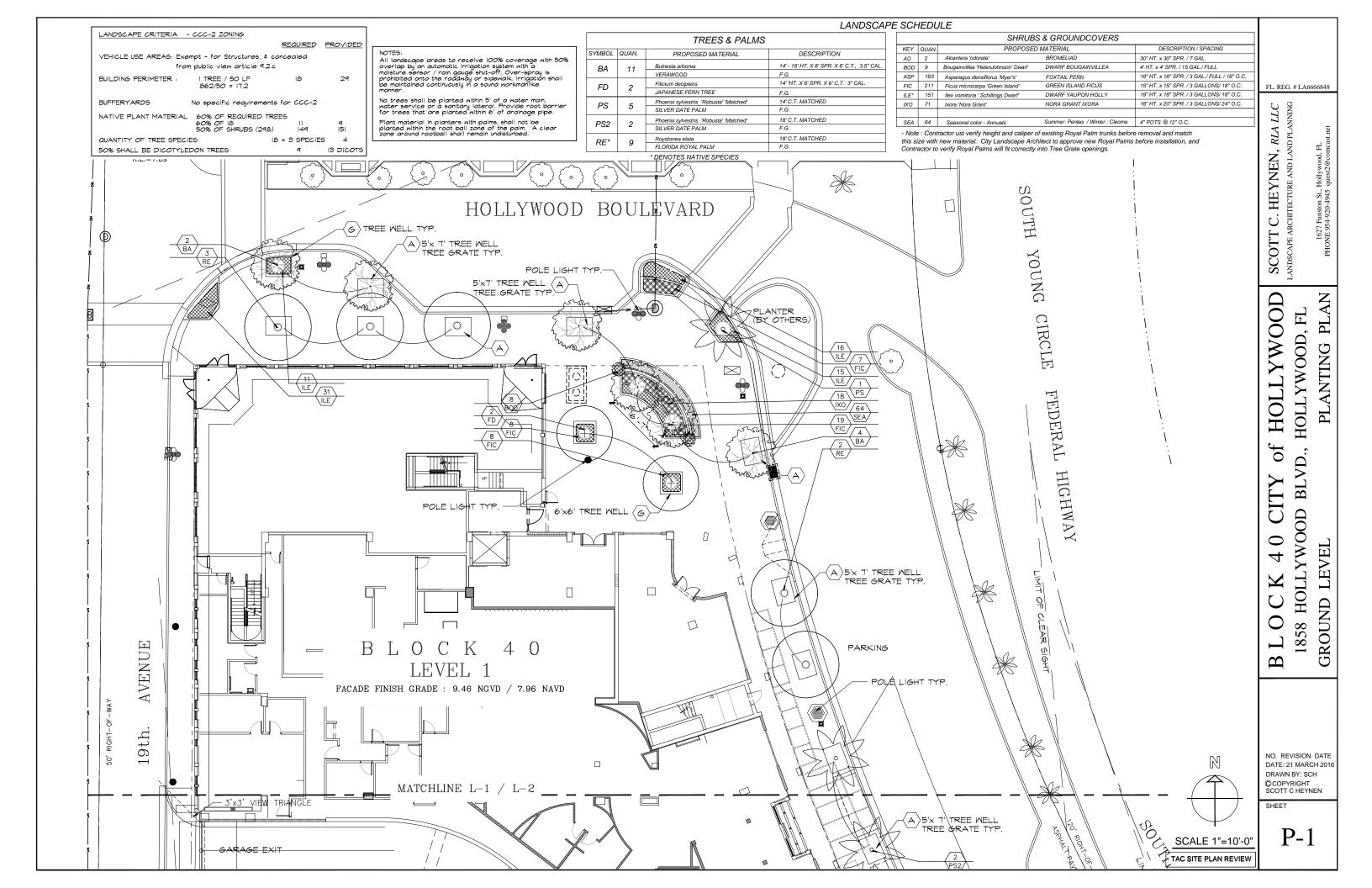
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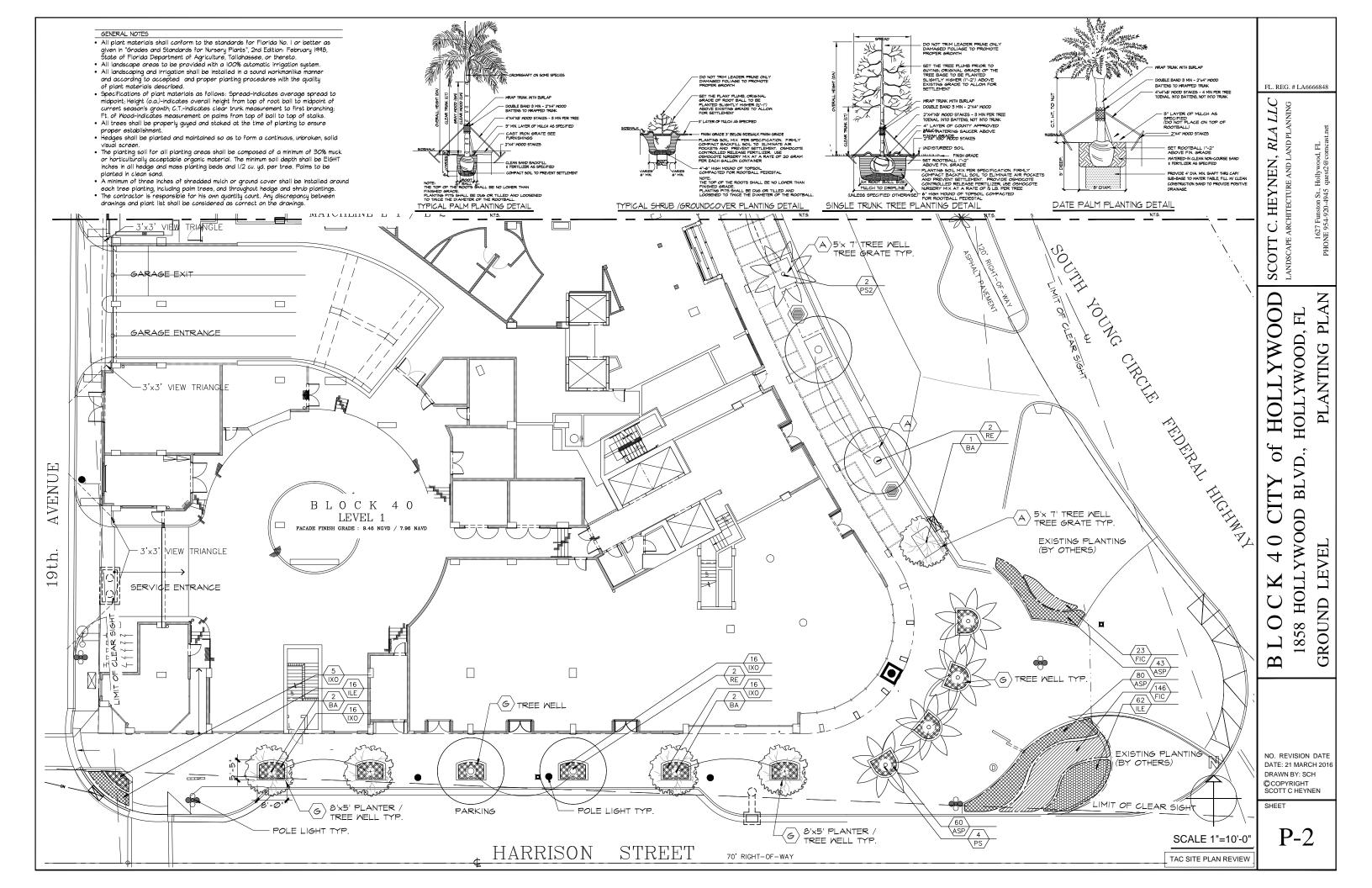
NO. REVISION DATE DATE: 21 MARCH 2016 DRAWN BY: SCH ©COPYRIGHT SCOTT C HEYNEN

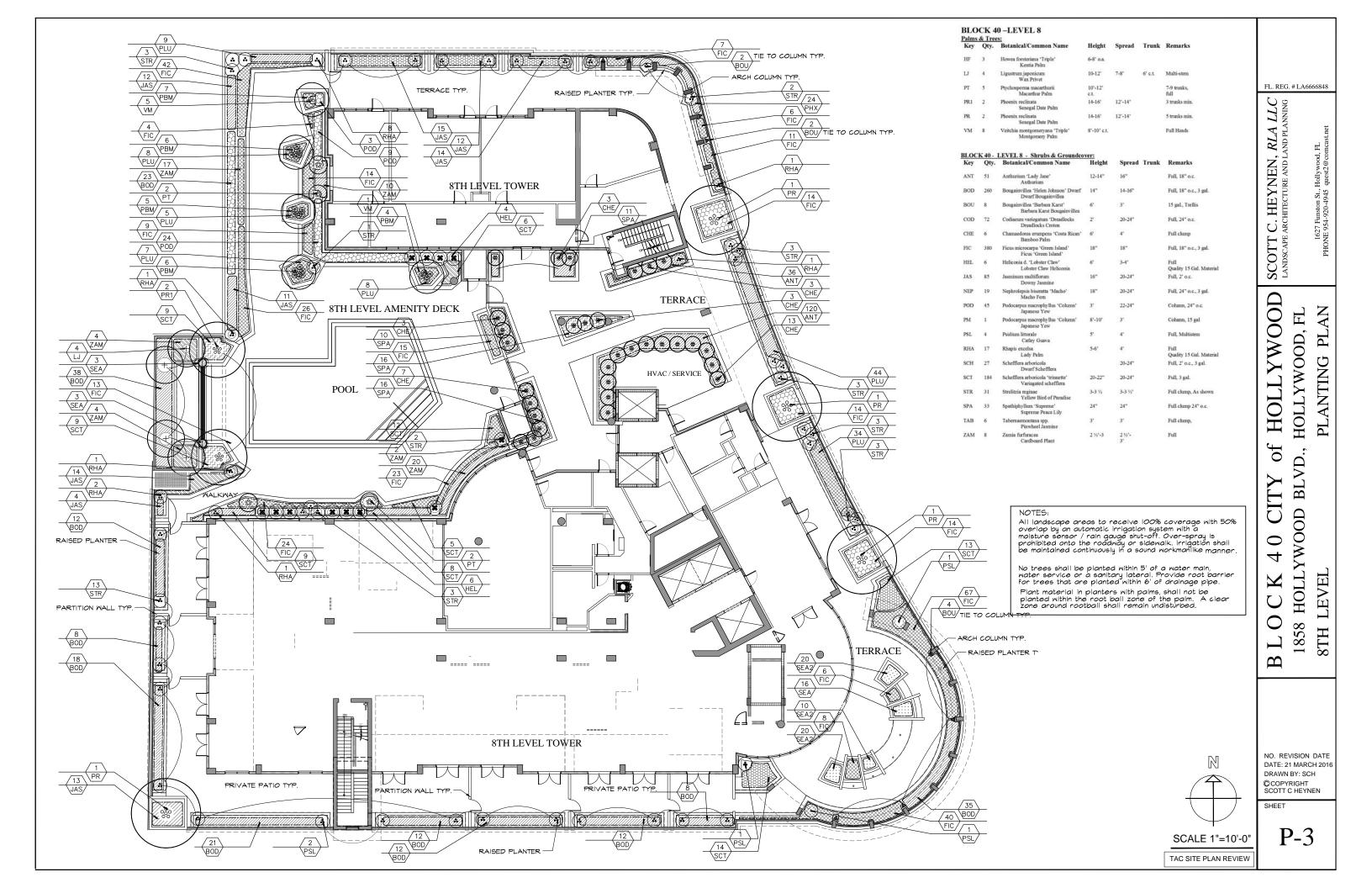
SHEET

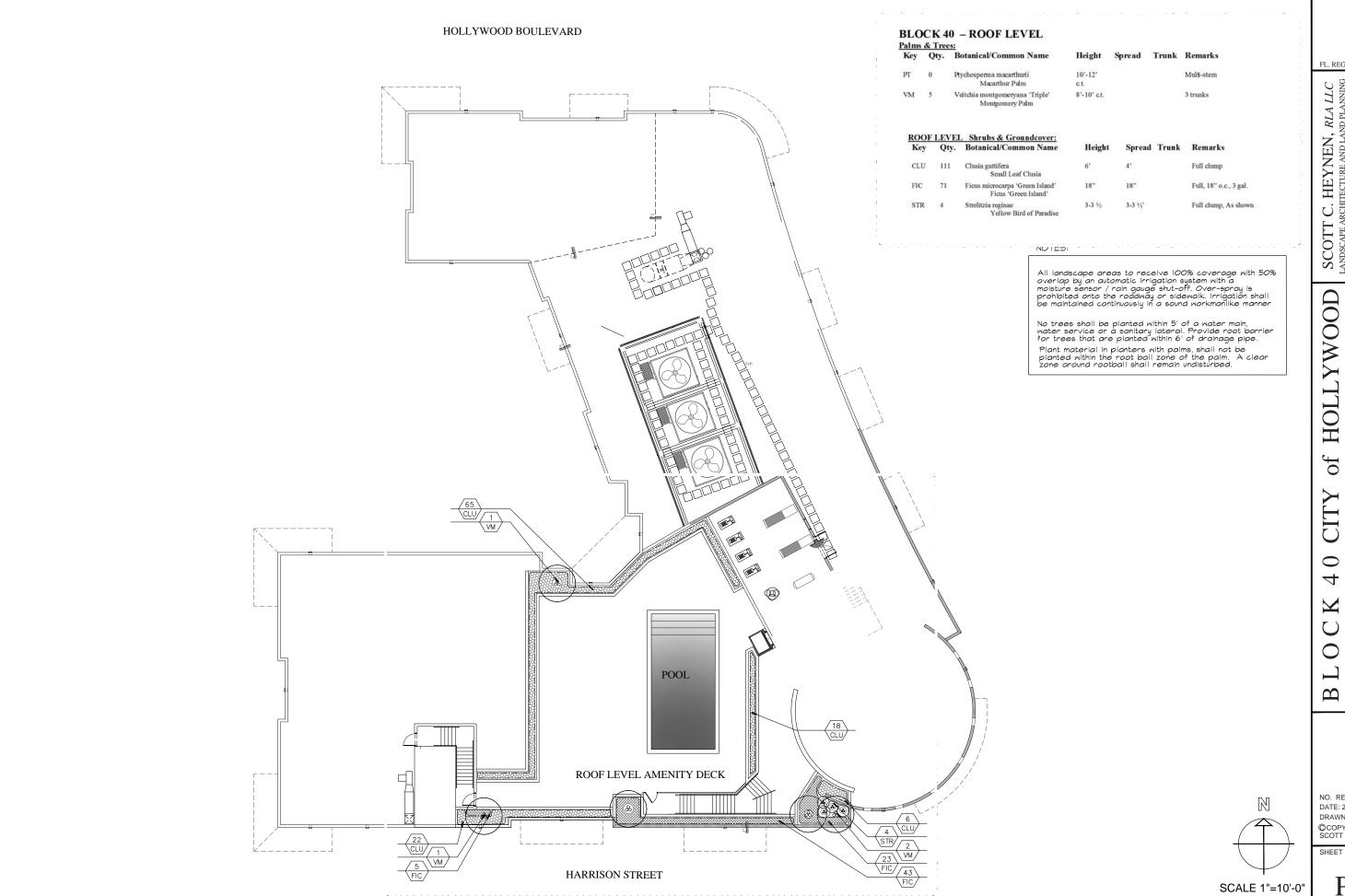
SCALE 1"=10'-0" TAC SITE PLAN REVIEW











FL. REG. # LA6666848

SCOTT C. HEYNEN, RLA LLC LANDSCAPE ARCHITECTURE AND LAND PLANNING

1627 Funston St., Hollywood, FL PHONE 954-920-4945 scottchland@gm

PLANTING PLAN

HOLLYWOOD, FL

BLVD.,

HOLLYWOOD

HOLLYWOOD 40 LEVEL M ROOF 1858  $\Box$ B

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SHEET

TAC SITE PLAN REVIEW

P-4