

ABBREVIATION LEGEND

ARV	AIR RELEASE VALVE
BE	BURIED ELECTRIC
BFP	BACKFLOW PREVENTER
BFV	BUTTERFLY VALVE
BM	BENCHMARK
BOP	BOTTOM OF PIPE
BSP	BACTERIOLOGICAL SAMPLING POINT
CAP	CORRUGATED ALUMINUM PIPE
CB	CATCH BASIN
CI	CURB INLET
CIP	CAST IRON PIPE
CLF	CHAIN LINK FENCE
CMP	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
CONC	CONCRETE
DE	DRAINAGE EASEMENT
DIP	DUCTILE IRON PIPE
E	EAST
EL	ELEVATION
EW	EDGE OF WATER
EXIST	EXISTING
EXFLT	EXFILTRATION
FF EL	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
FM	FORCE MAIN
GALV	GALVANIZED
GV	GATE VALVE
HORZ	HORIZONTAL
H.P.	HIGH POINT
INV	INVERT
JB	JUNCTION BOX
LF	LINEAR FEET
MAX	MAXIMUM
M.E.G.	MATCH EXISTING GRADE
MH	MANHOLE
MIN	MINIMUM
MJ	MECHANICAL JOINT
N	NORTH
NAVD	NORTH AMERICAN VERTICAL DATUM
NIC	NOT INCLUDED
NTS	NOT TO SCALE
NGVD	NATIONAL GEODETIC VERTICAL DATUM
OE	OVERHEAD ELECTRIC
PCAP	PERFORATED CORRUGATED ALUMINUM PIPE
PRB	POLLUTION RETARDANT BAFFLE
PROP	PROPOSED
PSI	POUNDS PER SQUARE INCH
PV	PLUG VALVE
PVC	POLYVINYL CHLORIDE
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RCW	RECLAIMED WATER
RED	REDUCER
R/W	RIGHT-OF-WAY
S	SOUTH
SAN	SANITARY
SB	SOIL BORING
STA	STATION
TOB	TOP OF BANK
TOP	TOP OF PIPE
TYP	TYPICAL
UE	UTILITY EASEMENT
VERT	VERTICAL
W	WEST
WM	WATER MAIN

LINE TYPE LEGEND

	LOT LINE
	SECTION LINE
	R/W LINE
	PROPERTY LINE
	CENTERLINE
	NVAL
	EXIST. CHAIN LINK FENCE
	GUARDRAIL
	PROPOSED CHAIN LINK FENCE
	EXISTING WOOD FENCE
	EXISTING PICKET FENCE
	EXISTING SANITARY SEWER (8")
	EXISTING WATER MAIN (8")
	EXISTING STORM SEWER
	EXISTING FORCE MAIN (6")
	EXISTING ABANDONED FORCE MAIN (6")
	EXISTING FIRE MAIN (4")
	EXISTING IRRIGATION
	EXISTING MEDICAL GAS
	EXISTING OXYGEN
	EXISTING UNDERGROUND POWER
	EXISTING NATURAL GAS
	EXISTING CONDENSATION
	EXISTING BURIED FIBER OPTIC
	EXISTING UNDERGROUND COMCAST
	EXISTING CHILLER
	EXISTING AT&T UNDERGROUND
	EXISTING FUEL LINE
	EXISTING OVERHEAD ELECTRIC
	EXISTING UNDERGROUND ELECTRIC
	EXISTING UNKNOWN UTILITY
	DEMOLISH IRRIGATION PIPE
	DEMOLISH UNDERGROUND ELECTRIC
	DEMOLISH WATER
	EXISTING UTILITY TO BE GROUTED AND ABANDONED IN PLACE
	EXISTING UTILITY TO BE REMOVED
	EXISTING UTILITY TO BE REMOVED (REFER TO ARCHITECTURAL PLANS FOR DETAILS)

HATCHING LEGEND

	EXISTING DECOMMISSIONED BURIED MASTER LIFT STATION TO BE REMOVED
	EXISTING BUILDING TO REMAIN
	EXISTING BUILDING TO BE DEMOLISHED
	EXISTING PEDESTRIAN BRIDGE CANOPY WITH SIDEWALK TO BE REMOVED
	EXISTING ASPHALT PAVEMENT TO BE REMOVED
	EXISTING ASPHALT PAVEMENT TO BE REMOVED 30" MIN. DEPTH BELOW SURFACE
	EXISTING CONCRETE TO BE REMOVED
	EXISTING PAVERS TO BE REMOVED
	EXISTING STRIPING/MARKINGS TO BE REMOVED
	EXISTING LANDSCAPING TO BE REMOVED
	PROPOSED BUILDING
	DETECTABLE WARNING SURFACES
	PROPOSED MILLING AND RESURFACING
	PROPOSED FULL DEPTH RECONSTRUCTION
	PROPOSED CONCRETE SIDEWALK

PROPOSED SYMBOL LEGEND

	AIR RELEASE VALVE
	BACTERIOLOGICAL SAMPLE POINT
	WATER METER
	FIRE HYDRANT
	FIRE DEPARTMENT CONNECTION
	SINGLE WATER SERVICE
	DOUBLE WATER SERVICE
	BACKFLOW PREVENTER
	DOUBLE DETECTOR CHECK VALVE
	BLOWOFF
	REDUCER
	GATE VALVE
	90°, 45°, 22.5° & 11.25° BENDS
	TEE
	CROSS
	PLUG
	BLOWOFF
	VERTICAL BENDS
	SEWER MANHOLE
	SANITARY FLOW DIRECTION
	SINGLE SANITARY LATERAL
	DOUBLE SANITARY LATERAL
	CONFLICT ID
	SUE POTHOLE ID
	DRAINAGE FLOW
	SPOT GRADE
	SIGN
	CATCH BASIN
	STORM MANHOLE
	CLEANOUT
	SLOTTED DRAIN
	STORM YARD DRAIN
	P5 STORM INLET
	P6 STORM INLET
	EXFILTRATION TRENCH
	HEADWALL
	MITERED END - RCP
	MITERED END - HDPE
	HAY BALES
	ROCK BAGS W/ HAY BALES
	SILT BARRIER FENCE
	TURBIDITY BARRIER

EXISTING SYMBOL LEGEND

	EXISTING SPOT ELEVATION (FT)
	GUY ANCHOR
	FPL MANHOLE
	CONC. LIGHT POLE
	CONC. UTILITY POLE
	CONC. SIGNAL POLE
	COMMUNICATION MH
	COMMUNICATION RISER
	CABLE TV MANHOLE
	CABLE TV RISER
	ELEC. HANDHOLE
	FPL TRANSFORMER
	ELECTRICAL METER
	GAS METER
	LIGHT POLE
	TRAFFIC CONTROL BOX
	WOOD POWER POLE
	GAS VALVE
	SEWER VALVE
	WATER VALVE
	GATE VALVE
	CLEANOUT
	FIRE HYDRANT
	REDUCER
	IRRIGATION VALVE
	SEWER MANHOLE
	STORM MANHOLE
	FIRE DEPARTMENT
	CATCH BASIN
	CURB INLET
	GROUND/LANDSCAPING LIGHTING
	SIGN
	SIGN TO BE REMOVED
	WATER METER
	EXFILTRATION TRENCH
	TREE TO BE REMOVED

- PROJECT NOTES
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROCURING, INSTALLING, AND ALL UTILITY BYPASS SYSTEMS FOR THE DURATION OF THE TEMPORARY SERVICES AND CONSTRUCTION ACTIVITIES. BYPASS SYSTEMS SHALL BE APPROVED BY OWNER AND HAVE ONE PRIMARY ELECTRIC PUMP AND ONE BACKUP DIESEL PUMP. PUMPS SHALL BE "HOSPITAL GRADE" AND SHALL NOT EXCEED 55dB(A) AT THE RIGHT-OF-WAY BOUNDARY.
 - THE CONTRACTOR SHALL BE COVERED BY THE APPLICABLE PORTIONS OF THE FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS, DATED 2023/2024, AND THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED 2023-24, AND SUPPLEMENTS THERETO IF NOTED IN THE SPECIAL PROVISIONS FOR THIS PROJECT.
 - THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY COMPANY AND GOVERNMENT AGENCY A MINIMUM OF TWO BUSINESS DAYS IN ADVANCE OF ANY EXCAVATION INVOLVING ITS UTILITIES AND IS TO COORDINATE FIELD VISITS WITH UTILITY REPRESENTATIVE DURING CONSTRUCTION.
 - ANY DAMAGE BY THE CONTRACTOR TO PUBLIC OR PRIVATE PROPERTY SHALL BE RESTORED TO PRE-EXISTING CONDITIONS OR BETTER AT NO EXPENSE TO THE OWNER.
 - THE LOCATIONS OF ALL UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY AND FIELD VERIFIED BY THE CONTRACTOR.
 - THE CONTRACTOR SHALL VERIFY IF OTHER UTILITIES NOT SHOWN IN THE PLANS EXIST WITHIN THE AREA OF CONSTRUCTION SHOULD UTILITY CONFLICTS ARISE. THE CONTRACTOR SHALL INFORM THE ENGINEER AND CORRESPONDING UTILITY COMPANY OF THE CONFLICT.
 - PRE-CONSTRUCTION VIDEO OF EXISTING CONDITIONS SHALL BE TAKEN BY THE CONTRACTOR PRIOR TO START OF CONSTRUCTION AND SUBMITTED TO THE ENGINEER AND OWNER FOR REVIEW.
 - THE CONTRACTOR SHALL COORDINATE SELECTION AND REVIEW OF ANY PROPOSED STAGING AREA WITH THE OWNER AT LEAST 72 HOURS PRIOR TO USE. THE STAGING AREA SHALL BE RESTORED TO ITS ORIGINAL CONDITION OR BETTER AT NO ADDITIONAL COST TO THE OWNER.
 - ALL CONSTRUCTION DEBRIS SHALL BE PROPERLY DISPOSED OF OFFSITE.
 - THE CONTRACTOR SHALL UTILIZE BEST MANAGEMENT PRACTICES, AS ESTABLISHED BY THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT, FOR ALL WORK.
 - THE CONTRACTOR SHALL OBTAIN ALL PERMITS AND COMPLY WITH THE PERMIT REQUIREMENTS BEFORE AND DURING CONSTRUCTION.
 - ALL QUESTIONS CONCERNING MATERIALS OR CONSTRUCTION METHODS SHALL BE DIRECTED TO THE OWNER OR THE ENGINEER.
 - PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL COMPLY WITH FLORIDA STATUTE 353.851 FOR THE PROTECTION OF UNDERGROUND GAS PIPELINES.
 - MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH CURRENT FDOT DESIGN STANDARDS AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. DRIVEWAYS AND TRAVEL LANES SHALL REMAIN OPEN AT ALL TIMES. ANY AND ALL PROPOSED CLOSURES OR DETOUR ROUTES SHALL REQUIRE CITY (PUBLIC RIGHT-OF-WAY) OR OWNER (HOSPITAL CAMPUS) APPROVAL.
 - THE CONTRACTOR MUST PROVIDE LATERAL SUPPORT FOR ALL EXISTING WATER MAINS AND MAINTAIN SOIL DEVELOPMENT EQUAL TO OR GREATER THAN EXISTING TO PREVENT WATER MAIN SEPARATION.
 - ALL EXISTING UTILITIES MANHOLE COVERS, ELECTRICAL BOXES, VALVE BOXES, METER BOXES, DRAINAGE STRUCTURES, ETC. WITHIN PROPOSED AREAS OF IMPROVEMENTS SHALL BE ADJUSTED TO GRADE ELEVATION, UNLESS OTHERWISE NOTED.
 - THE CONTRACTOR SHALL EMPLOY QUALIFIED ARBORIST TO REMOVE BRANCHES, AND TREAT ANY CUTS.
 - THE CONTRACTOR IS RESPONSIBLE FOR PRESERVING AND PROTECTING ALL EXISTING TREES NOTED ON THIS PLAN OR WITHIN CONSTRUCTION AREA BY USING 6" HIGH FLUORESCENT NYLON FENCING AS A TEMPORARY BARRIER. PRESERVED TREES SHALL BE BARRICADED BEFORE AND DURING CONSTRUCTION. IF DURING THE COURSE OF CONSTRUCTION ANY OF THE PROTECTED VEGETATION DIES, IT SHALL BE REPLACED AS REQUIRED BY THE LOCAL JURISDICTION BY THE CONTRACTOR WITH EQUAL SIZE AND CALIBER. THE TREES, WOODY SHRUBS (INCLUDING SAW PALMETOS) AND GROUND COVERS SHALL BE INCLUDED WITHIN THE PRESERVATION AREAS AND SHALL BE RETAINED, WHERE SUPPLEMENTAL LANDSCAPING INFRINGES ON THIS AREA, DISTURBANCE SHALL BE MINIMIZED.
 - CONTRACTOR SHALL USE SPECIAL CARE WHEN WORKING NEAR EXISTING CLAY SANITARY SEWER LINE.
 - CONTRACTOR TO AVOID DAMAGING EXISTING SEWER LATERALS. IF DAMAGE OCCURS TO EXISTING SEWER LATERALS, CONTRACTOR SHALL REPLACE AT NO ADDITIONAL COST TO THE OWNER.
 - CONTRACTOR IS TO RESTRAIN ALL FORCE MAIN PIPE JOINTS AND FITTINGS USING MEGALUG MECHANICAL JOINT RESTRAINT OR APPROVED EQUAL.
 - THE CONTRACTOR IS RESPONSIBLE FOR RESTORATION OF ALL EXISTING UTILITIES, IRRIGATION, CABLES, ETC., DISTURBED DURING CONSTRUCTION OF PROPOSED IMPROVEMENTS.
 - EXISTING SURFACE GRADES SHOWN IN PROFILE VIEWS ARE AT THE ALIGNMENT CENTERLINE.
 - MINIMUM HORIZONTAL AND VERTICAL SEPARATIONS SHOWN ON THE PLANS ARE TO BE MEASURED FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE OR STRUCTURE.
 - SURVEY DATA: ALL ELEVATIONS ON THE PLANS OR REFERENCED IN THE SPECIFICATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
 - CONTRACTOR TO FIELD ADJUST LOCATION OF THE PROPOSED WORK TO MEET THE MINIMUM SEPARATION REQUIREMENTS.
 - CONTRACTOR TO VERIFY LOCATIONS OF UTILITIES VIA SOFT DIG.

HKS

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CIVIL & LANDSCAPE
CALVIN GIORANO & ASSOCIATES
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FORT LAUDERDALE, FL 33316

STRUCTURAL ENGINEER
GMS STRUCTURAL ENGINEERS
14335 COMMERCIAL WAY
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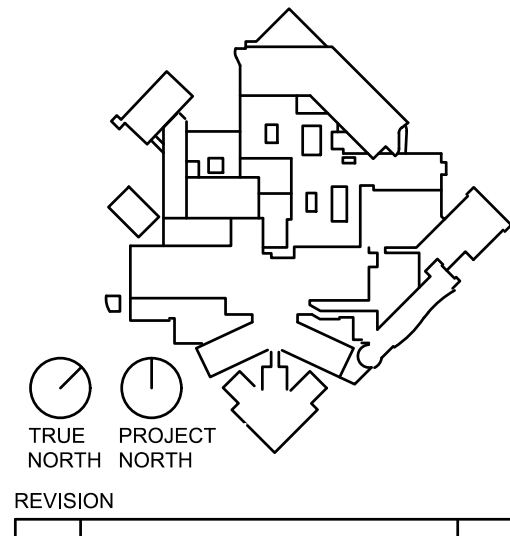
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Memorial
Regional Hospital
SURGICAL & CRITICAL CARE TOWER EXPANSION
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INTERIM REVIEW ONLY
These documents are incomplete, and are released for interim review only and are not intended for regulatory approval, permit, or construction purposes.
Engineer: James D. Messick
P.E. License No.: 70870
Date: 04/11/2024



JAMES D. MESSICK, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 70870.
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JAMES D. MESSICK ON THE DATE INDICATED HERE.
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HKS PROJECT NUMBER
23459.000
DATE
JUNE 17, 2024
ISSUE
FINAL TAC

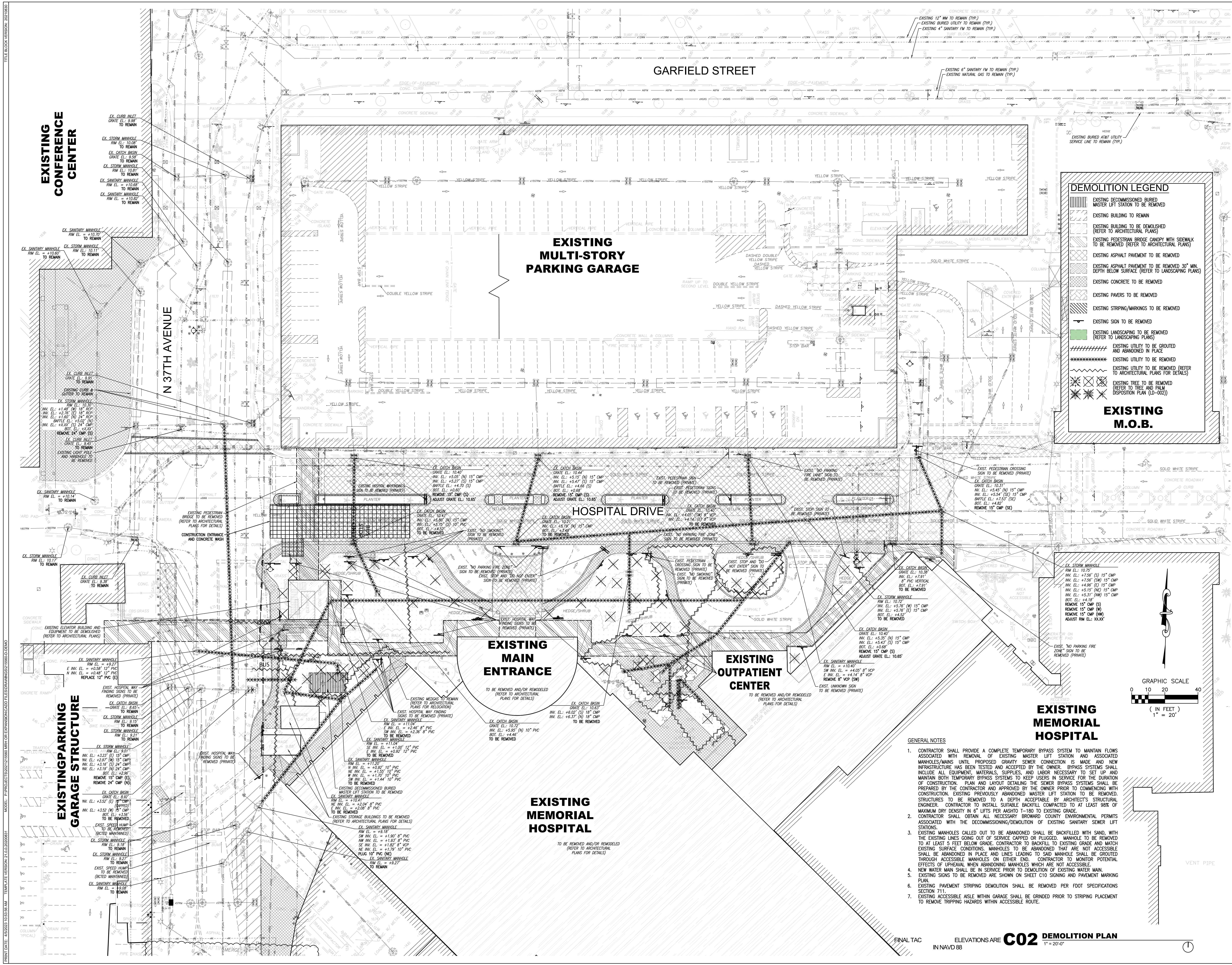
SHEET TITLE
LEGENDS, ABBREVIATIONS AND GENERAL NOTES

SHEET NO.

C01

FINAL TAC ELEVATIONS ARE
IN NAVD 88

C01 LEGENDS, ABBREVIATIONS AND GENERAL NOTES
NOT TO SCALE



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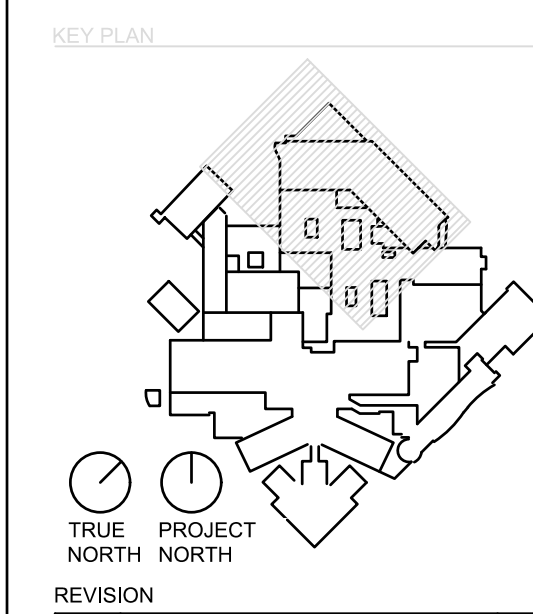
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HOLLYWOOD, FL 33021

11

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Date: 04/11/2024



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HKS PROJECT NUMBER

23459.000

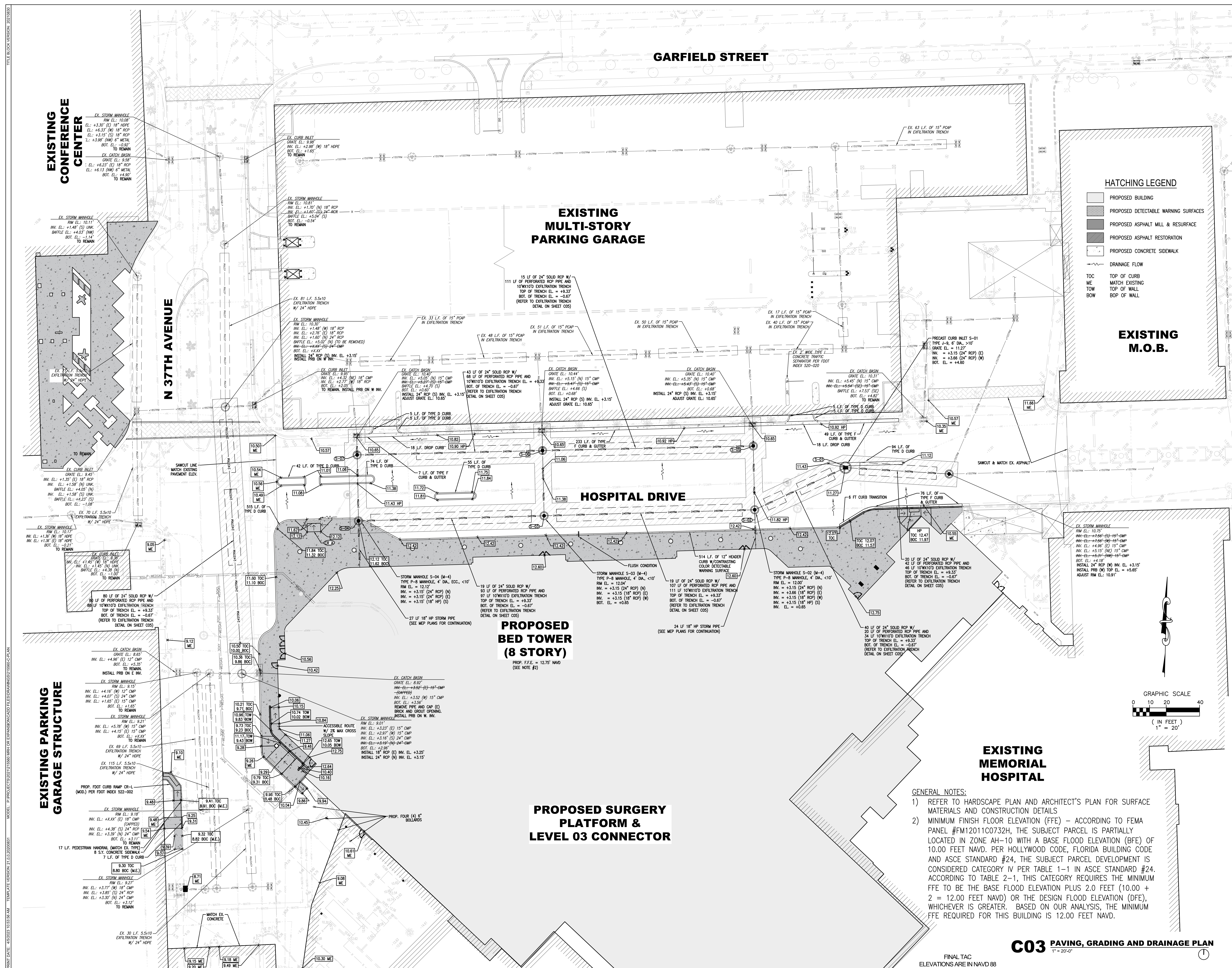
JUNE 17, 2024

ISSUE
FINAL TAG

SHEET TITLE
**PAVING, GRADING
AND DRAINAGE PLAN**

SHEET NO.

C03




C03 PAVING, GRADING AND DRAINAGE PLAN

FINAL TAC
ELEVATIONS ARE IN NAVD 88

TITLE BLOCK VERSION: 2010080
MODEL: P:\PROJECTS\2017\5500\TREN OR EXPANSION\CADD FILES\DRAWINGS\215500-001.DWG
PRINT DATE: 4/26/2023 10:51:59 AM
TEMPLOYEE VERSION: 21.03.20200801


GENERAL NOTES:

1. THE INFORMATION PROVIDED IN THESE DRAWINGS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF CONDITIONS WHICH WILL BE ENCOUNTERED DURING THE COURSE OF THE WORK. THE CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT WHATEVER INVESTIGATIONS THEY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSION REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED, AND UPON WHICH BIDS WILL BE BASED.
2. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO APPLICABLE STANDARDS AND SPECIFICATIONS OF THE CITY OF HOLLYWOOD DEPARTMENT OF PUBLIC UTILITIES, ENGINEERING AND CONSTRUCTION SERVICES DIVISION (ECS), AND ALL OTHER LOCAL, STATE AND NATIONAL CODES, WHERE APPLICABLE.
3. LOCATIONS, ELEVATIONS, SIZES, MATERIALS, ALIGNMENTS, AND DIMENSIONS OF EXISTING FACILITIES, UTILITIES AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF THE PREPARATION OF THESE PLANS; AND DO NOT PURPORT TO BE ABSOLUTELY CORRECT. ALSO, THERE MAY HAVE BEEN OTHER IMPROVEMENTS, UTILITIES, ETC., WITHIN THE PROJECT AREA WHICH WERE CONSTRUCTED AFTER THE PREPARATION OF THESE PLANS AND/OR THE ORIGINAL SITE SURVEY. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS, AND OTHER FEATURES AFFECTING HIS/HER WORK PRIOR TO CONSTRUCTION, AND NOTIFY THE ENGINEER IMMEDIATELY WHEN CONFLICT BETWEEN DRAWINGS AND ACTUAL CONDITIONS ARE DISCOVERED. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ANY FACILITIES SHOWN OR NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL WORK AS NEEDED TO AVOID CONFLICT WITH EXISTING UTILITIES (NO ADDITIONAL COST SHALL BE PAID FOR THIS WORK). EXISTING UTILITIES SHALL BE MAINTAINED IN SERVICE DURING CONSTRUCTION UNLESS OTHERWISE APPROVED BY THE RESPECTIVE UTILITY OWNER.
4. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITIES TO ARRANGE FOR THE RELOCATION AND TEMPORARY SUPPORT OF UTILITY FEATURES, ETC. AS NECESSARY TO COMPLETE THE WORK.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND PROTECT ANY AND ALL EXISTING UTILITIES ON THIS PROJECT, AND TO ENSURE THAT EXISTING UTILITIES ARE MAINTAINED IN SERVICE DURING CONSTRUCTION UNLESS APPROVED OTHERWISE BY THE UTILITY OWNER.
6. CONTRACTOR SHALL ADJUST ALL EXISTING UTILITY CASTINGS INCLUDING VALVE BOXES, MANHOLES, HAND-HOLES, PULL-BOXES, STORMWATER INLETS, AND SIMILAR STRUCTURES IN CONSTRUCTION AREA TO BE OVERLAID WITH ASPHALT PAVEMENT.
7. THE CONTRACTOR IS REQUIRED TO OBTAIN ALL APPLICABLE CONSTRUCTION AND ENVIRONMENTAL PERMITS PRIOR TO THE START OF CONSTRUCTION.
8. THE CONTRACTOR SHALL NOTIFY ECS AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
9. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND INSTALLATION OF THE PROPOSED IMPROVEMENTS, SHOP DRAWINGS SHALL BE SUBMITTED TO ECS IN ACCORDANCE WITH THE CONTRACT DOCUMENT'S REQUIREMENTS, FOR APPROVAL. IN ADDITION, IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ANY OTHER AGENCY SHOP DRAWING APPROVAL, IF REQUIRED.
10. THE CONTRACTOR SHALL NOTIFY ECS IMMEDIATELY FOR ANY CONFLICT ARISING DURING CONSTRUCTION OF ANY IMPROVEMENTS SHOWN ON THESE DRAWINGS. THIS WORK BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
11. ELEVATIONS SHOWN ARE IN FEET AND ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

	ISSUED: 03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/08/2014
DRAWN: EAM	GENERAL NOTES		DRAWING NO. G-00
APPROVED: XXX			


GENERAL NOTES (CONTINUED):

12. CITY OF HOLLYWOOD SHALL NOT PROVIDE STAGING / STORAGE AREA. CONTRACTOR SHALL SECURE STAGING / STORAGE AREA AS NECESSARY FOR CONSTRUCTION WORK.
13. CONTRACTOR SHALL HAUL AWAY EXCESSIVE STOCKPILE OF SOIL FOR DISPOSAL EVERY DAY. NO STOCKPILE SOIL IS ALLOWED TO BE LEFT ON THE CONSTRUCTION SITE OVER NIGHT.
14. CONTRACTOR SHALL CLEAN / SWEEP THE ROAD AT LEAST ONCE DAY OR AS REQUIRED BY THE ENGINEER.
15. CONTRACTOR SHALL PROTECT CATCH BASINS WITHIN / ADJACENT TO THE CONSTRUCTION SITE AS REQUIRED BY NPDES REGULATIONS.
16. THE CITY OF HOLLYWOOD HAS A NOISE ORDINANCE (CHAPTER 100) WHICH PROHIBITS EXCAVATION AND CONSTRUCTION BEFORE 8:00 A.M. AND AFTER 6:00 P.M., MONDAY THROUGH SATURDAY AND ALL DAY SUNDAY.
17. SUITABLE EXCAVATED MATERIAL SHALL BE USED IN FILL AREAS. NO SEPARATE PAY ITEM FOR THIS WORK, INCLUDE COST IN OTHER ITEMS.
18. ALL ROAD CROSSINGS ARE OPEN CUT AS PER THE REQUIREMENTS OF THE ECS UNLESS OTHERWISE NOTED ON THE DRAWINGS.
19. THE CONTRACTOR SHALL REPLACE ALL PAVING, STABILIZING EARTH, DRIVEWAYS, PARKING LOTS, SIDEWALKS, ETC. TO SATISFY THE INSTALLATION OF THE PROPOSED IMPROVEMENTS WITH THE SAME TYPE OF MATERIAL THAT WAS REMOVED DURING CONSTRUCTION OR AS DIRECTED BY ECS FIELD ENGINEER.
20. THE CONTRACTOR SHALL NOT ENCR OACH INTO PRIVATE PROPERTY WITH PERSONNEL, MATERIAL OR EQUIPMENT. IN CASE WORK ON PRIVATE PROPERTY IS NEEDED, A CITY OF HOLLYWOOD "RIGHT OF ENTRY" FORM MUST BE SIGNED BY PROPERTY OWNER AND THE DIRECTOR OF PUBLIC UTILITIES. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN ACCESS AT ALL TIMES TO PRIVATE HOMES/BUSINESSES.
21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE, REMOVAL OR MODIFICATION, CAUSED TO ANY IRRIGATION SYSTEM (PRIVATE OR PUBLIC) ACCIDENTALLY OR PURPOSELY. THE CONTRACTOR SHALL REPLACE ANY DAMAGED, REMOVED OR MODIFIED IRRIGATION PIPES, SPRINKLER HEADS OR OTHER PERTINENT APPURTENANCES TO MATCH OR EXCEED EXISTING CONDITIONS AT NO ADDITIONAL COST TO THE CITY.
22. MAIL BOXES, FENCES OR OTHER PRIVATE PROPERTY DAMAGED DURING THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS SHALL BE REPLACED TO MATCH OR EXCEED EXISTING CONDITION.
23. CONTRACTOR SHALL PROVIDE MAINTENANCE OF TRAFFIC IN ACCORDANCE WITH FOOT STANDARDS AND CITY OF HOLLYWOOD DEPARTMENT OF PUBLIC UTILITIES STANDARDS.
24. NO TREES ARE TO BE REMOVED OR RELOCATED WITHOUT PRIOR APPROVAL FROM THE ECS FIELD ENGINEER.
25. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE NECESSARY TREE REMOVAL OR RELOCATION PERMITS FROM THE CITY OF HOLLYWOOD BUILDING DEPARTMENT FOR TREES LOCATED IN THE PUBLIC RIGHT OF WAY.
26. IT IS THE INTENT OF THESE PLANS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THESE PLANS AND APPLICABLE REGULATORY STANDARDS / REQUIREMENTS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF ECS.

	ISSUED: 03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 11/06/2017
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APPROVED: XXX			


GENERAL NOTES (CONTINUED):

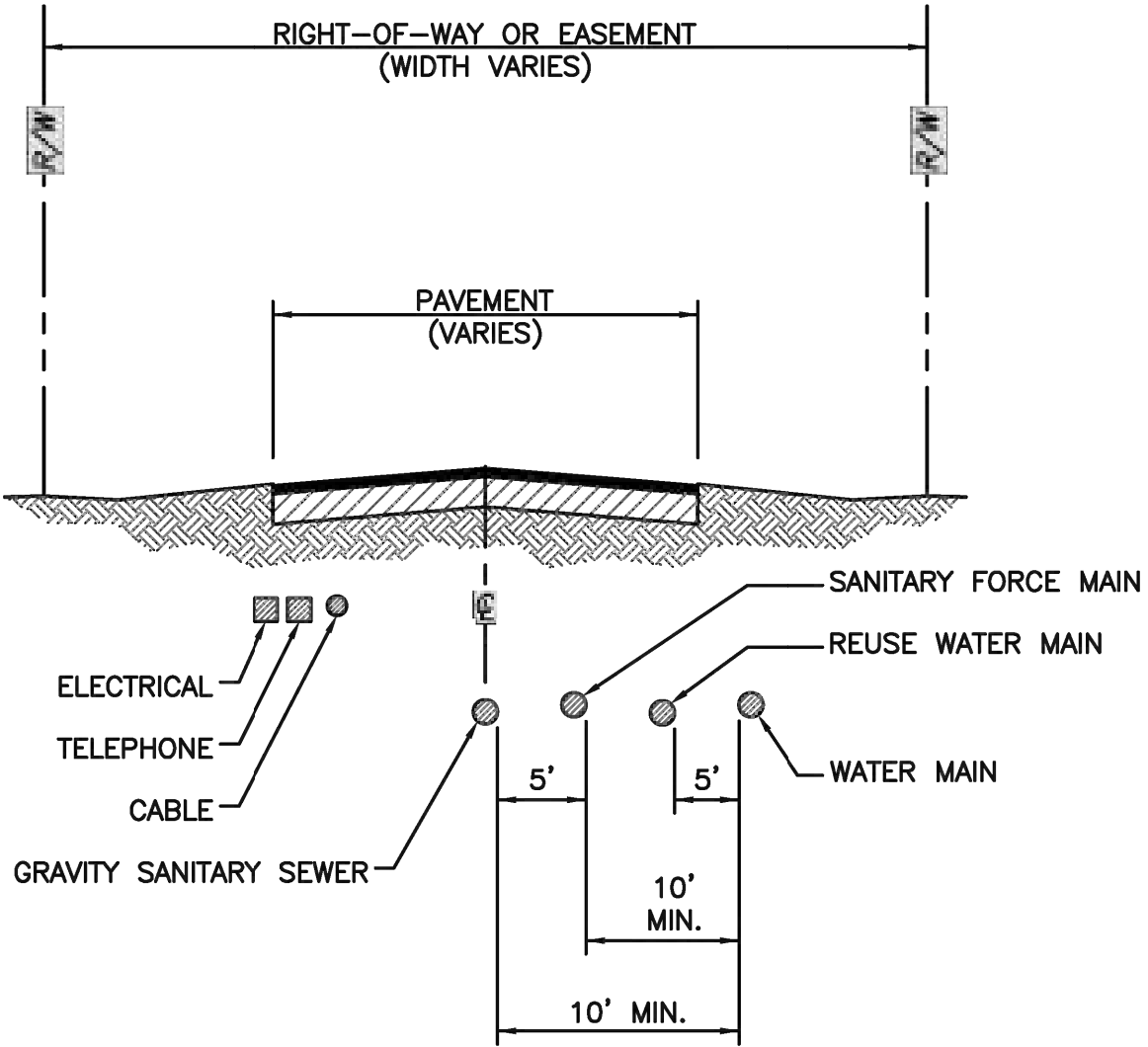
27. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF AND MAKING THE REPAIRS TO EXISTING PAVEMENT, SIDEWALKS, PIPES, CONDUITS, CURBS, CABLES, ETC., WHETHER OR NOT SHOWN ON THE PLANS DAMAGED AS A RESULT OF THE CONTRACTORS OPERATIONS AND/OR THOSE OF HIS SUBCONTRACTORS, AND SHALL RESTORE THEM PROMPTLY AT NO ADDITIONAL EXPENSE TO THE OWNER. CONTRACTOR SHALL REPORT ANY DAMAGE TO SIDEWALK, DRIVEWAY, ETC., PRIOR TO BEGINNING WORK IN ANY AREA.
28. WHERE NEW PAVEMENT MEETS EXISTING, CONNECTION SHALL BE MADE IN A NEAT STRAIGHT LINE AND FLUSH WITH EXISTING PAVEMENT TO MATCH EXISTING CONDITIONS.
29. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR LEAVE EXCAVATED TRENCHES, OR PARTS OF, EXPOSED OR OPENED AT THE END OF THE WORKING DAY, WEEKENDS, HOLIDAYS OR OTHER TIMES, WHEN THE CONTRACTOR IS NOT WORKING, UNLESS OTHERWISE DIRECTED. ALL TRENCHES SHALL BE COVERED, FIRMLY SECURED AND MARKED ACCORDINGLY FOR PEDESTRIAN / VEHICULAR TRAFFIC.
30. ALL EXCAVATED MATERIAL REMOVED FROM THIS PROJECT SHALL BE DISPOSED OF OFF THE PROPERTY BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
31. ALL DUCTILE IRON PRODUCTS SHALL BE DOMESTIC MADE HEAVY DUTY CLASSIFICATION SUITABLE FOR HIGHWAY TRAFFIC LOADS, OR 20,000 LB.
32. ALL GRASSED AREAS AFFECTED BY CONSTRUCTION SHALL BE RE-SODDED.
33. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION, INSTALLATION AND MAINTENANCE OF ALL TRAFFIC CONTROL AND SAFETY DEVICES, IN ACCORDANCE WITH SPECIFICATIONS OF THE LATEST REVISION OF FOOT DESIGN STANDARDS. IN ADDITION, THE CONTRACTOR IS RESPONSIBLE FOR THE RESETTNG OF ALL TRAFFIC CONTROL AND INFORMATION SIGNAGE REMOVED DURING THE CONSTRUCTION PERIOD.
34. EXCAVATED OR OTHER MATERIAL STORED ADJACENT TO OR PARTIALLY UPON A ROADWAY PAVEMENT SHALL BE ADEQUATELY MARKED FOR TRAFFIC SAFETY AT ALL TIMES.
35. TEMPORARY PATCH MATERIAL MUST BE ON THE JOB SITE WHENEVER PAVEMENT IS CUT, OR THE CITY'S INSPECTOR WILL SHUT THE JOB DOWN.
36. CONTRACTOR MUST PROVIDE FLASHER ARROW SIGNAL FOR ANY LANE THAT IS CLOSED OR DIVERTED.
37. CONTRACTOR SHALL NOTIFY LAW ENFORCEMENT AND FIRE PROTECTION SERVICES TWENTY-FOUR (24) HOURS IN ADVANCE OF TRAFFIC DETOUR IN ACCORDANCE WITH SECTION 336.07 OF FLORIDA STATUTES.
38. CONTRACTOR TO RESTORE PAVEMENT TO ORIGINAL CONDITION AS REQUIRED.
39. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING DEWATERING PER SPECIFICATION SECTION 02140 DEWATERING.


	ISSUED: 03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 11/06/2017
DRAWN: EAM	GENERAL NOTES (CONTINUED)		DRAWING NO. G-00.2
APPROVED: XXX			

GENERAL NOTES (CONTINUED):

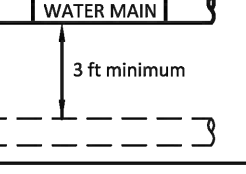
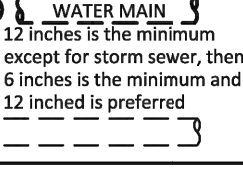
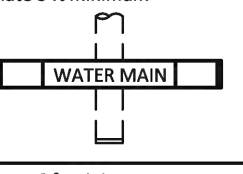
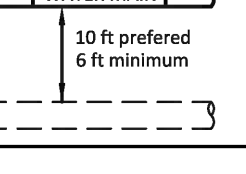
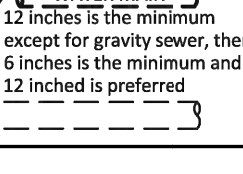
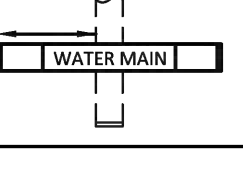
40. THE CONTRACTOR SHALL GIVE AT LEAST 48 HOURS NOTICE TO UTILITY COMPANIES TO PROVIDE FOR THE LOCATION OF EXISTING UNDERGROUND UTILITIES IN ADVANCE OF CONSTRUCTION. CONTACT UTILITIES NOTIFICATION CENTER AT 811 OR 1-800-432-4770 (SUNSHINE ONE-CALL OF FLORIDA).
-
41. WHEN PVC PIPE IS USED, A METALLIZED MARKER TAPE SHALL BE INSTALLED CONTINUOUSLY 18" ABOVE THE PIPE. THE MARKER TAPE SHOULD BE IMPRINTED WITH A WARNING THAT THERE IS BURIED PIPE BELOW. THE TAPE SHALL BE MAGNA TEC, AS MANUFACTURED BY THOR ENTERPRISES INC. OR APPROVED EQUAL.
 42. ALL CONNECTIONS TO EXISTING MAINS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. WATER CONNECTIONS SHALL BE METERED, AND THE COST OF WATER AND TEMPORARY METER SHALL BE BORNE BY THE CONTRACTOR.
 43. A COMPLETE AS-BUILT SURVEY SHALL BE ACCURATELY RECORDED OF THE UTILITY SYSTEM DURING CONSTRUCTION. AS-BUILT SURVEY SHALL BE SUBMITTED TO ECS SIGNED AND SEALED BY A FLORIDA REGISTERED SURVEYOR PRIOR TO FINAL INSPECTION AND ACCEPTANCE OF PROJECT. THE COST OF SIGNED AND SEALED AS-BUILTS SHALL BE COVERED IN OVERALL BID. THE AS-BUILT SURVEY SHALL INCLUDE:
 - a. PLAN VIEW SHOWING THE HORIZONTAL LOCATIONS OF EACH MANHOLE, INLET, VALVE, FITTING, BEND AND HORIZONTAL PIPE DEFLECTIONS WITH COORDINATES AND IN REFERENCE TO A SURVEY BASELINE OR RIGHT-OF-WAY CENTERLINE.
 - b. THE PLAN VIEW SHALL ALSO SHOW SPOT ELEVATIONS OF THE TOP OF THE MAIN (WATER MAIN AND FORCE MAIN) OR PIPE INVERTS (GRAVITY MAINS) AT INTERVALS NOT TO EXCEED 100 FEET AS MEASURED ALONG MAIN. THE PLAN VIEW SHALL ALSO INCLUDE SPOT ELEVATIONS AT EACH MANHOLE, INLET, VALVE, FITTING, BEND AND VERTICAL PIPE DEFLECTION.
 - c. THE PLAN VIEW SHALL ALSO SHOW THE HORIZONTAL SEPARATION FROM UNDERGROUND UTILITIES IMMEDIATELY ADJACENT OR PARALLEL TO THE NEW MAIN.
 - d. PROFILE VIEW WITH SPOT ELEVATIONS OF THE TOP OF THE MAIN (WATER MAIN AND FORCE MAIN) OR PIPE INVERT (GRAVITY MAIN) AND OF THE FINISHED GRADE OR MANHOLE RIM DIRECTLY ABOVE THE MAIN AT INTERVALS NOT TO EXCEED 100 FEET AS MEASURED ALONG THE MAIN. THE PROFILE VIEW SHALL ALSO INCLUDE SPOT ELEVATIONS AT EACH MANHOLE, INLET, VALVE, FITTING, BEND AND VERTICAL PIPE DEFLECTION.
 - e. THE PROFILE VIEW SHALL SHOW ALL UNDERGROUND UTILITIES CROSSING THE NEW MAIN AND THE VERTICAL SEPARATION PROVIDED BETWEEN THAT UNDERGROUND UTILITY AND THE NEW MAIN.
 - f. ALL CADD FILES MUST BE CREATED FOLLOWING THE CITY OF HOLLYWOOD "SURVEY / AS-BUILT CAD DRAWING STANDARDS"

	ISSUED: 03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 11/06/2017
DRAWN: EAM	GENERAL NOTES (CONTINUED)		DRAWING NO. G-00.3
APPROVED: XXX			




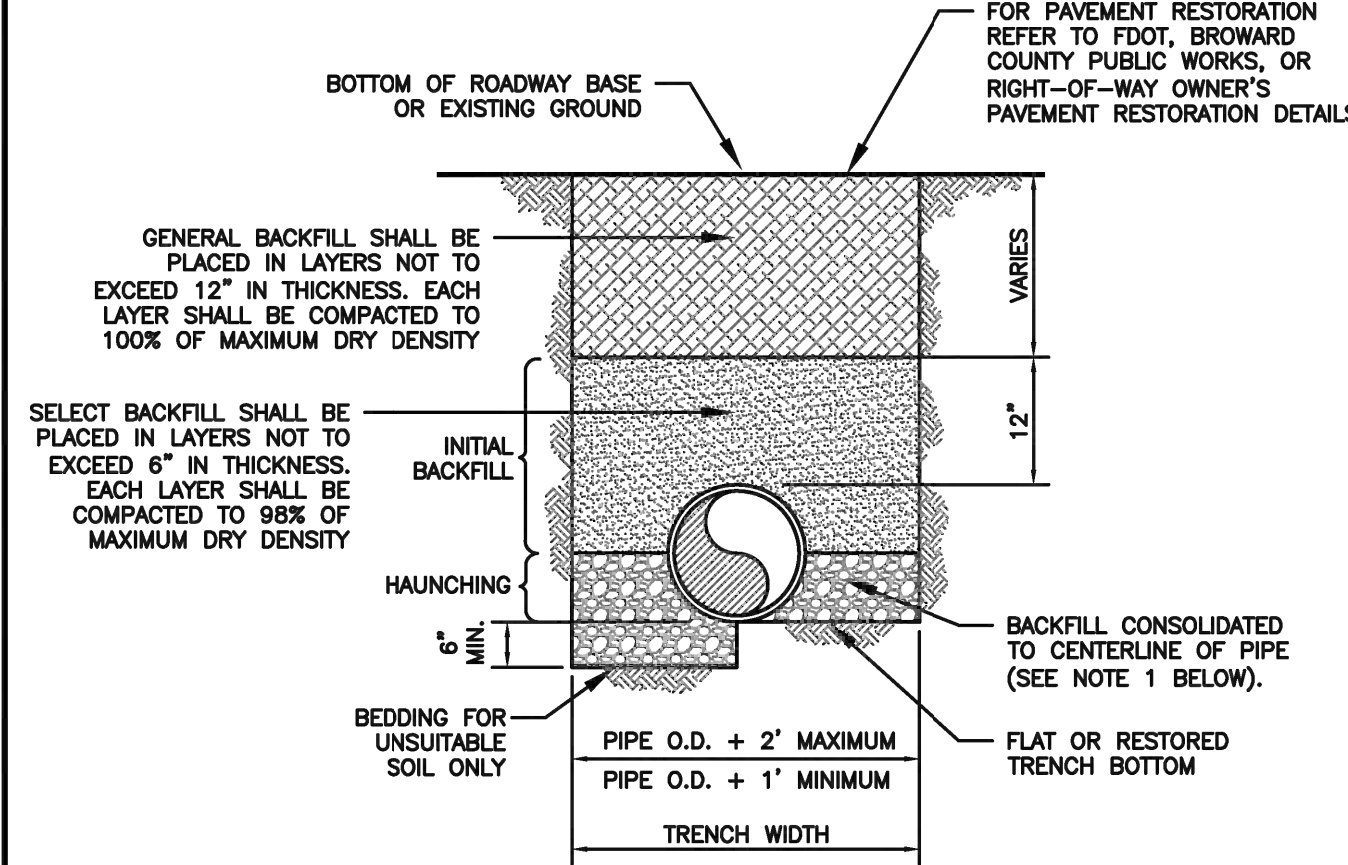
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DRAWN: EAM	TYPICAL UTILITY ACCOMMODATION WITHIN RIGHT-OF-WAY OR EASEMENT		DRAWING NO. G-01
APPROVED: XXX			

WATER MAIN SEPARATION IN ACCORDANCE WITH F.A.C. RULE 62-555.314

OTHER PIPE	HORIZONTAL SEPARATION	CROSSING (1), (4)	JOINT SPACING @ CROSSING (FULL JOINT CENTERED) (8)
STORM SEWER, STORM WATER FORCE MAIN, RECLAIMED WATER (2)			
GRAVITY SANITARY SEWER, (3) SANITARY SEWER FORCE MAIN, RECLAIMED WATER			
ON-SITE SEWAGE TREATMENT & DISPOSAL SYSTEM	10 ft minimum		


1. WATER MAIN SHOULD CROSS ABOVE OTHER PIPE, WHEN WATER MAIN MUST BE BELOW OTHER PIPE, THE MINIMUM SEPARATION IS 12 INCHES.
2. RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
3. 3 FT. FOR GRAVITY SANITARY SEWER WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST 6 INCHES ABOVE THE TOP OF THE GRAVITY SANITARY SEWER.
4. 18" VERTICAL MINIMUM SEPARATION REQUIRED BY CITY OF HOLLYWOOD, UNLESS OTHERWISE APPROVED.
5. A MINIMUM 6 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 SHEL LOCATED ON ONE SIDE OF THE SEWER OR FORCE MAIN AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER.
7. WHERE IT IS NOT POSSIBLE TO MAINTAIN A VERTICAL DISTANCE OF 18 INCHES IN A PARALLEL INSTALLATIONS, THE WATER MAIN SHALL BE CONSTRUCTED OF DIP AND THE SANITARY SEWER OR 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. ALL JOINTS ON THE WATER MAIN WITHIN 20 FEET OF THE CROSSINGS MUST BE MECHANICALLY RESTRAINED.

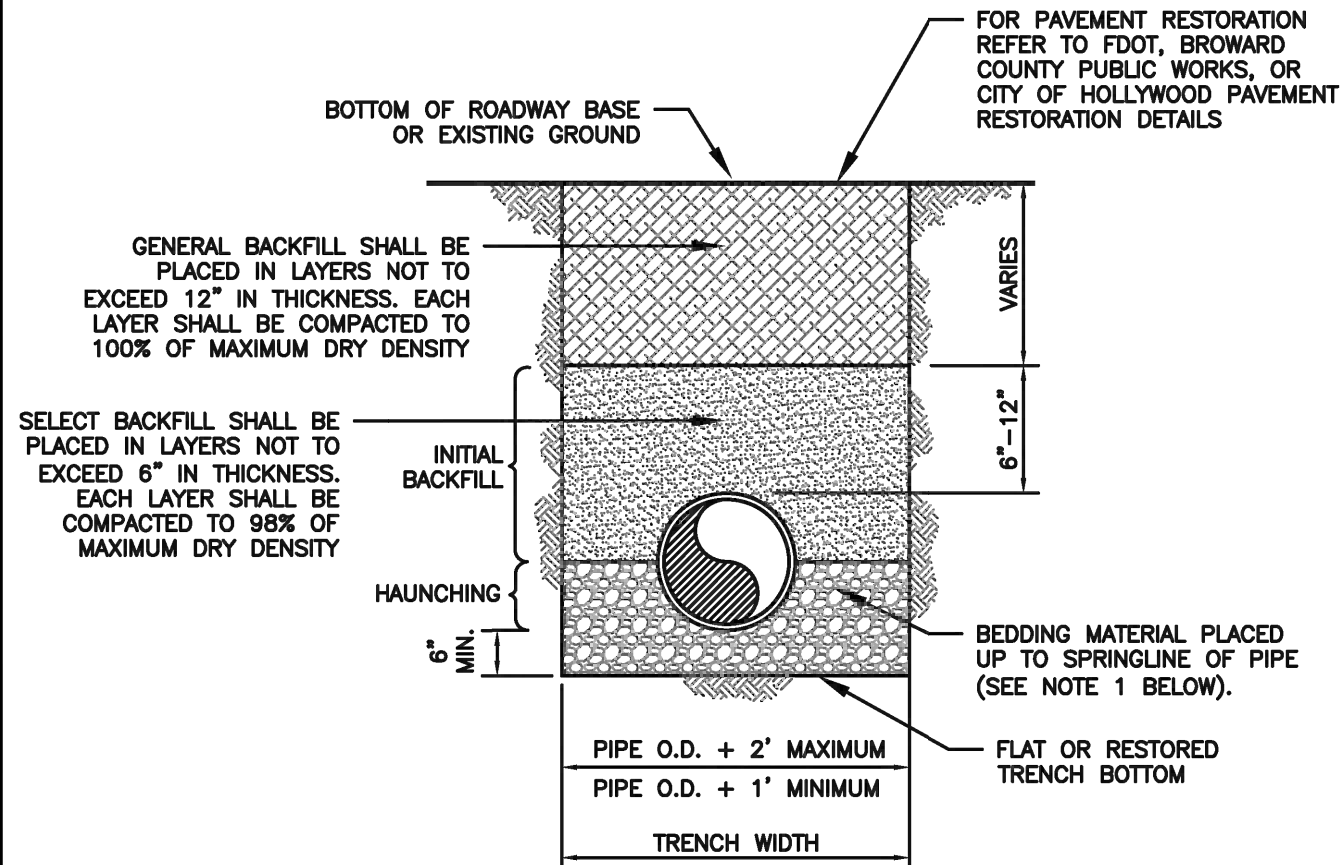
	ISSUED: 03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 11/06/2017
DRAWN: EAM	SEPARATION REQUIREMENTS OF F.D.E.P.		DRAWING NO. G-01.1
APPROVED: XXX			



NOTES:


1. WHEN PIPE INSTALLATION IS ABOVE THE GROUND WATER TABLE ELEVATION, OR WHENEVER BEDDING COPPER PIPE UNDER ANY CONDITION, BEDDING MATERIAL SHALL BE CLEAN SANDY SOIL IF AVAILABLE WITHIN THE LIMITS OF CONSTRUCTION. IMPORTED BEDDING SHALL BE WELL GRADED, WASHED CRUSHED STONE (OR DRAINFIELD LIMESTONE), CRUSHED STONE SHALL CONSIST OF HARD, DURABLE, SUB-ANGULAR PARTICLES OF PROPER SIZE AND GRADATION, AND SHALL BE FREE FROM ORGANIC MATERIAL, WOOD, TRASH, SAND, LOAM, CLAY, EXCESS FINES, AND OTHER DELETERIOUS MATERIALS.
2. ALL BEDDING MATERIAL SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY BEFORE ANY PIPE IS LAID. FOR ADDITIONAL MATERIAL SPECIFICATIONS REFER TO SPECIFICATION SECTION 02222, "EXCAVATION AND BACKFILL FOR UTILITIES".
3. DENSITY TESTING SHALL BE IN ACCORDANCE WITH ASTM T-180 AND ASTM D-3017.
4. BACKFILL TO COMPLY WITH FDOT DESIGN STANDARDS 125-8.

	ISSUED: 03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/08/2014
DRAWN: EAM	PIPE LAYING CONDITION TYPICAL SECTION (D.I.P.)		DRAWING NO. G-02
APPROVED: XXX			



NOTES:

1. WHEN PIPE INSTALLATION IS ABOVE THE GROUND WATER TABLE ELEVATION, OR WHENEVER BEDDING COPPER PIPE UNDER ANY CONDITION, BEDDING MATERIAL SHALL BE CLEAN SANDY SOIL IF AVAILABLE WITHIN THE LIMITS OF CONSTRUCTION. IMPORTED BEDDING SHALL BE WELL GRADED, WASHED CRUSHED STONE (OR DRAINFIELD LIMESTONE), CRUSHED STONE SHALL CONSIST OF HARD, DURABLE, SUB-ANGULAR PARTICLES OF PROPER SIZE AND GRADATION, AND SHALL BE FREE FROM ORGANIC MATERIAL, WOOD, TRASH, SAND, LOAM, CLAY, EXCESS FINES, AND OTHER DELETERIOUS MATERIALS.
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3. DENSITY TESTING SHALL BE IN ACCORDANCE WITH ASTM T-180 AND ASTM D-3017.
4. BACKFILL TO COMPLY WITH FDOT DESIGN STANDARD 125-8.

	ISSUED: 03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/08/2014
DRAWN: EAM	PIPE LAYING CONDITION TYPICAL SECTION (P.V.C.)		DRAWING NO. G-03
APPROVED: XXX			

FINAL TAC ELEVATIONS ARE IN NAVD 88

C04 PAVING, GRADING AND DRAINAGE DETAILS
NOT TO SCALE

HKS

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HKS ARCHITECTS, INC.
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FORT LAUDERDALE, FL 33316

STRUCTURAL ENGINEER
GMS STRUCTURAL ENGINEERS
14335 COMMERCIAL WAY
MIAMI LAKES, FL 33016

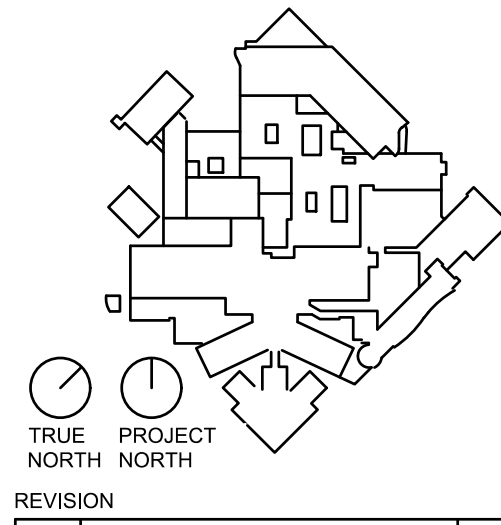
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Memorial
Regional Hospital
SURGICAL & CRITICAL CARE TOWER EXPANSION
3501 JOHNSON STREET, HOLLYWOOD, FL 33021

INTERIM REVIEW ONLY
These documents are incomplete, and are released for interim review only and are not intended for regulatory approval, permit, or construction purposes.
Engineer: James D. Messick
P.E. License No.: 70870
Date: 04/11/2024



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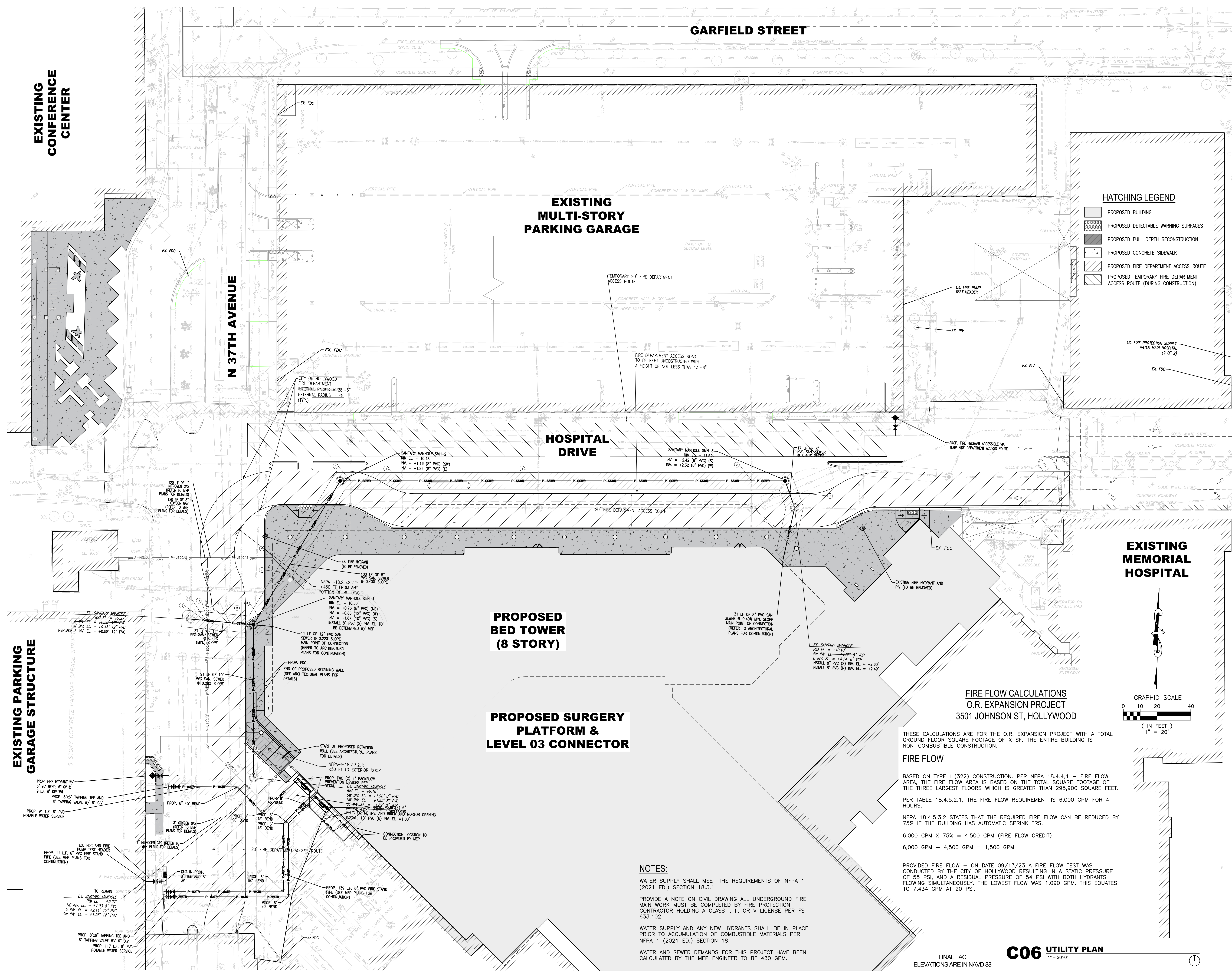
HKS PROJECT NUMBER
23459.000
DATE
JUNE 17, 2024
ISSUE
FINAL TAC

SHEET TITLE
PAVING, GRADING AND DRAINAGE DETAILS

SHEET NO.

C04

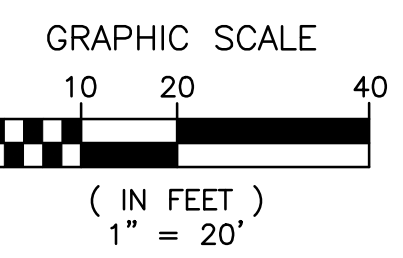
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HATCHING LEGEND

[Hatched Pattern]	PROPOSED BUILDING
[Hatched Pattern]	PROPOSED DETECTABLE WARNING SURFACES
[Hatched Pattern]	PROPOSED FULL DEPTH RECONSTRUCTION
[Hatched Pattern]	PROPOSED CONCRETE SIDEWALK
[Hatched Pattern]	PROPOSED FIRE DEPARTMENT ACCESS ROUTE
[Hatched Pattern]	PROPOSED TEMPORARY FIRE DEPARTMENT ACCESS ROUTE (DURING CONSTRUCTION)

EXISTING HOSPITAL



FIRE FLOW CALCULATIONS
O.R. EXPANSION PROJECT
3501 JOHNSON ST, HOLLYWOOD

THESE CALCULATIONS ARE FOR THE O.R. EXPANSION PROJECT WITH A TOTAL GROUND FLOOR SQUARE FOOTAGE OF X SF. THE ENTIRE BUILDING IS NON-COMBUSTIBLE CONSTRUCTION.

FIRE FLOW

BASED ON TYPE I (322) CONSTRUCTION. PER NFPA 18.4.4.1 - FIRE FLOW AREA, THE FIRE FLOW AREA IS BASED ON THE TOTAL SQUARE FOOTAGE OF THE THREE LARGEST FLOORS WHICH IS GREATER THAN 295,900 SQUARE FEET.

PER TABLE 18.4.5.2.1, THE FIRE FLOW REQUIREMENT IS 6,000 GPM FOR 4 HOURS.

NFPA 18.4.5.3.2 STATES THAT THE REQUIRED FIRE FLOW CAN BE REDUCED BY 75% IF THE BUILDING HAS AUTOMATIC SPRINKLERS.

6,000 GPM X 75% = 4,500 GPM (FIRE FLOW CREDIT)

6,000 GPM - 4,500 GPM = 1,500 GPM

PROVIDED FIRE FLOW - ON DATE 09/13/23 A FIRE FLOW TEST WAS CONDUCTED BY THE CITY OF HOLLYWOOD RESULTING IN A STATIC PRESSURE OF 55 PSI, AND A RESIDUAL PRESSURE OF 54 PSI WITH BOTH HYDRANTS FLOWING SIMULTANEOUSLY. THE LOWEST FLOW WAS 1,090 GPM. THIS EQUATES TO 7,434 GPM AT 20 PSI.

NOTES:

WATER SUPPLY SHALL MEET THE REQUIREMENTS OF NFPA 1 (2021 ED.) SECTION 18.3.1

PROVIDE A NOTE ON CIVIL DRAWING ALL UNDERGROUND FIRE MAIN WORK MUST BE COMPLETED BY FIRE PROTECTION CONTRACTOR HOLDING A CLASS I, II, OR V LICENSE PER FS 633.102.

WATER SUPPLY AND ANY NEW HYDRANTS SHALL BE IN PLACE PRIOR TO ACCUMULATION OF COMBUSTIBLE MATERIALS PER NFPA 1 (2021 ED.) SECTION 18.

WATER AND SEWER DEMANDS FOR THIS PROJECT HAVE BEEN CALCULATED BY THE MEP ENGINEER TO BE 430 GPM.

HKS

ARCHITECT
HKS ARCHITECTS, INC.
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GNG STRUCTURAL ENGINEERS
14335 COMMERCE WAY
MIAMI LAKES, FL 33016

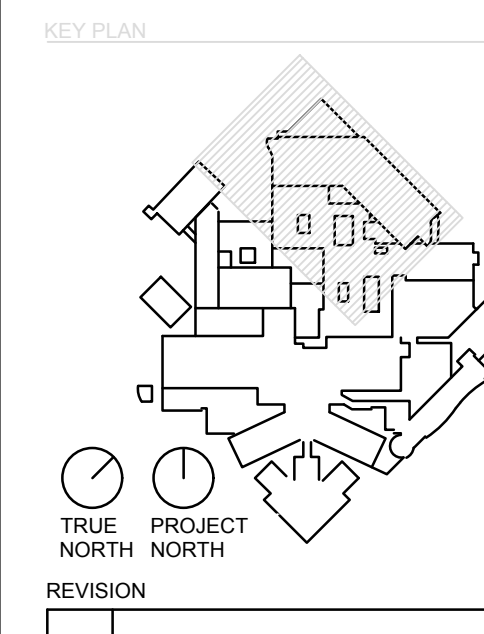
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P.E. License No.: 70870
Date: 04/11/2024



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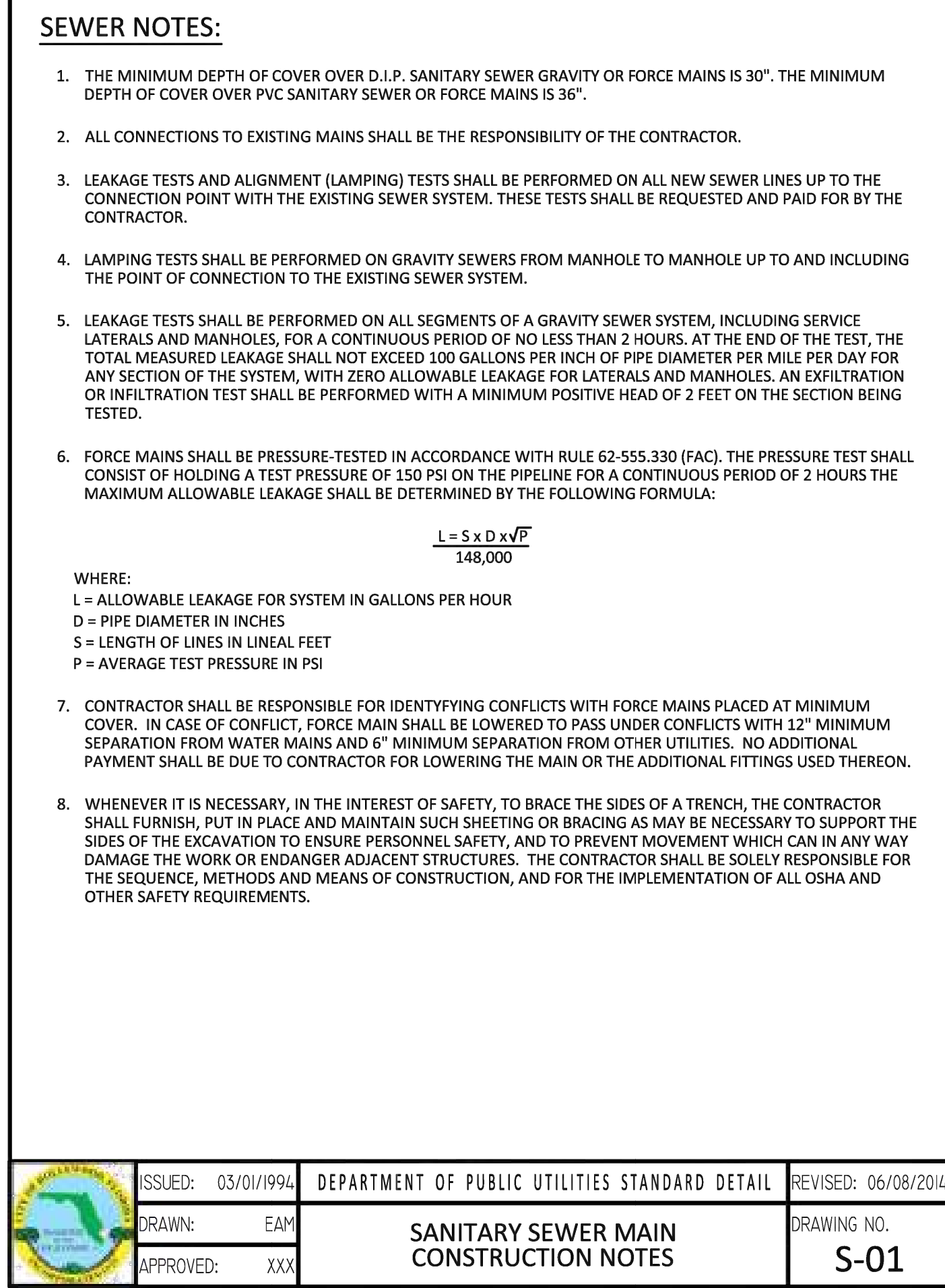
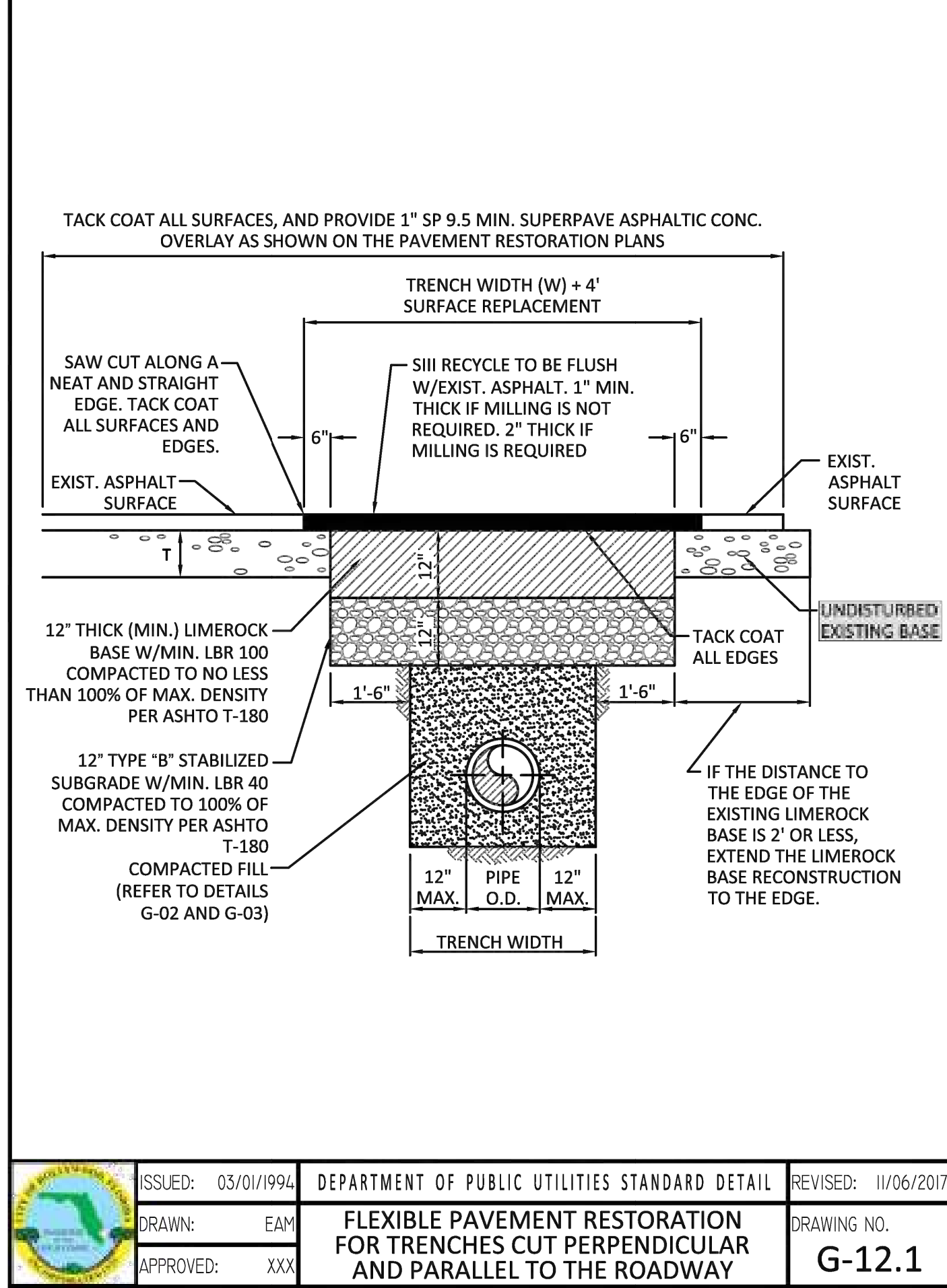
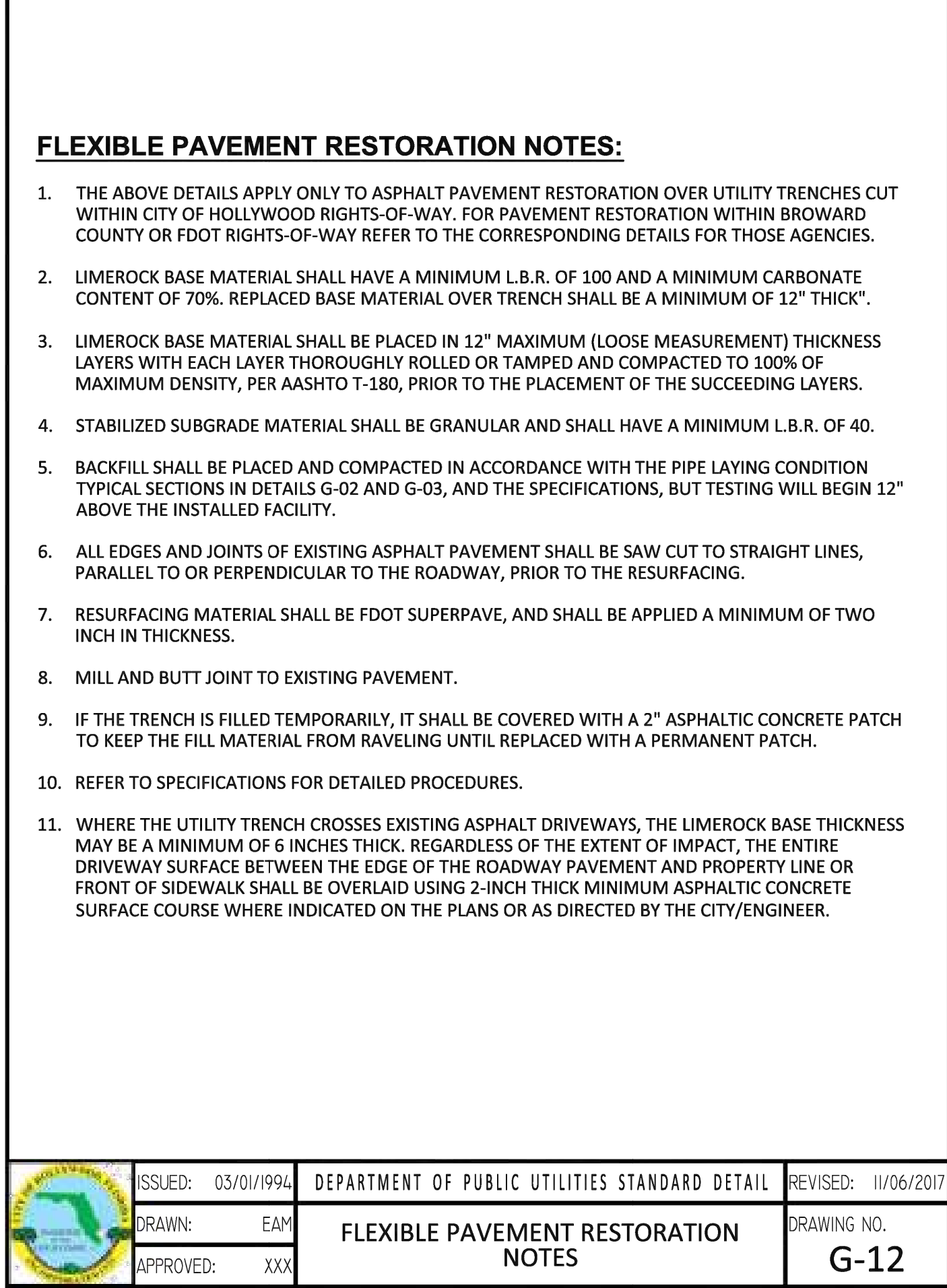
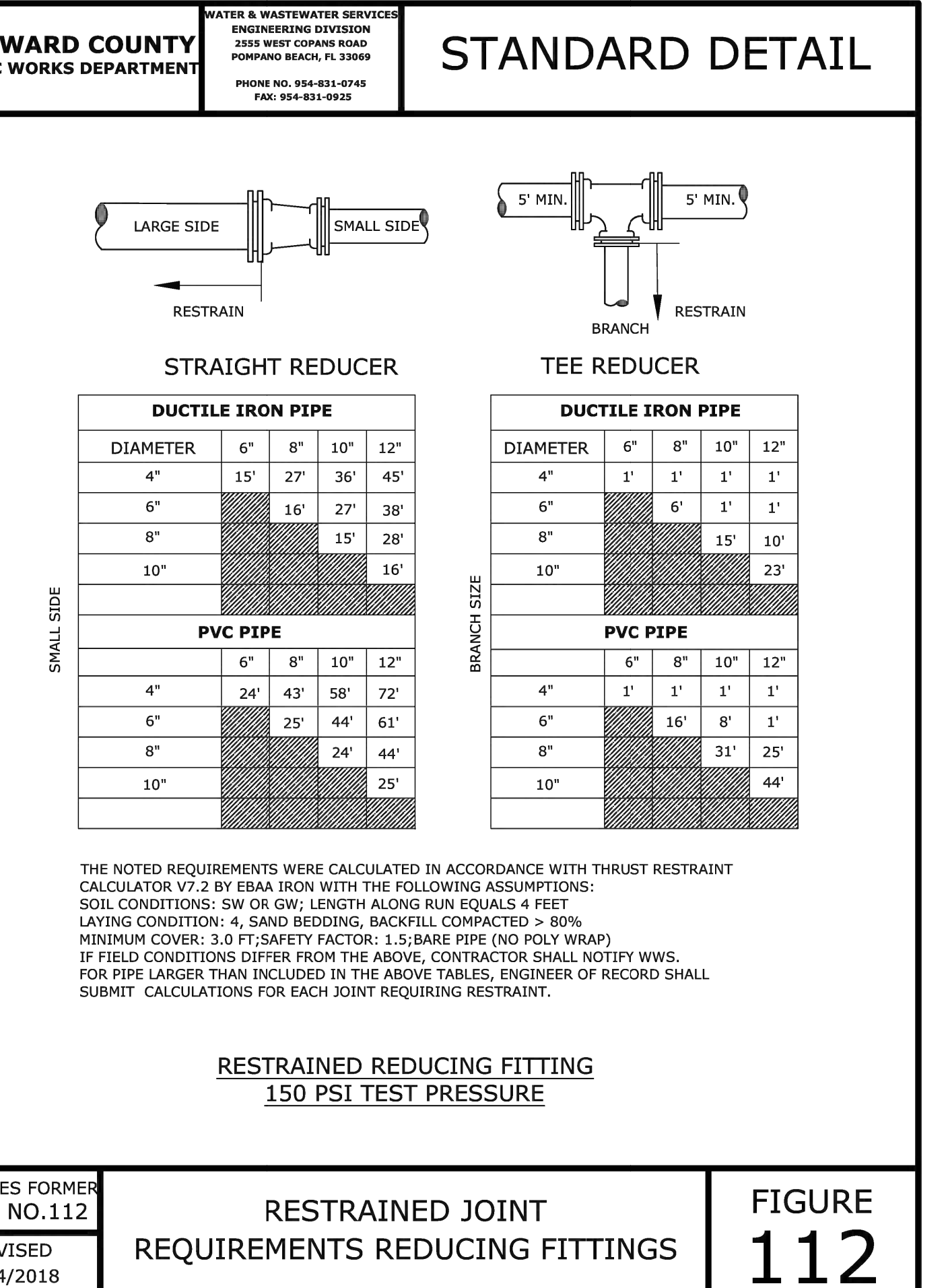
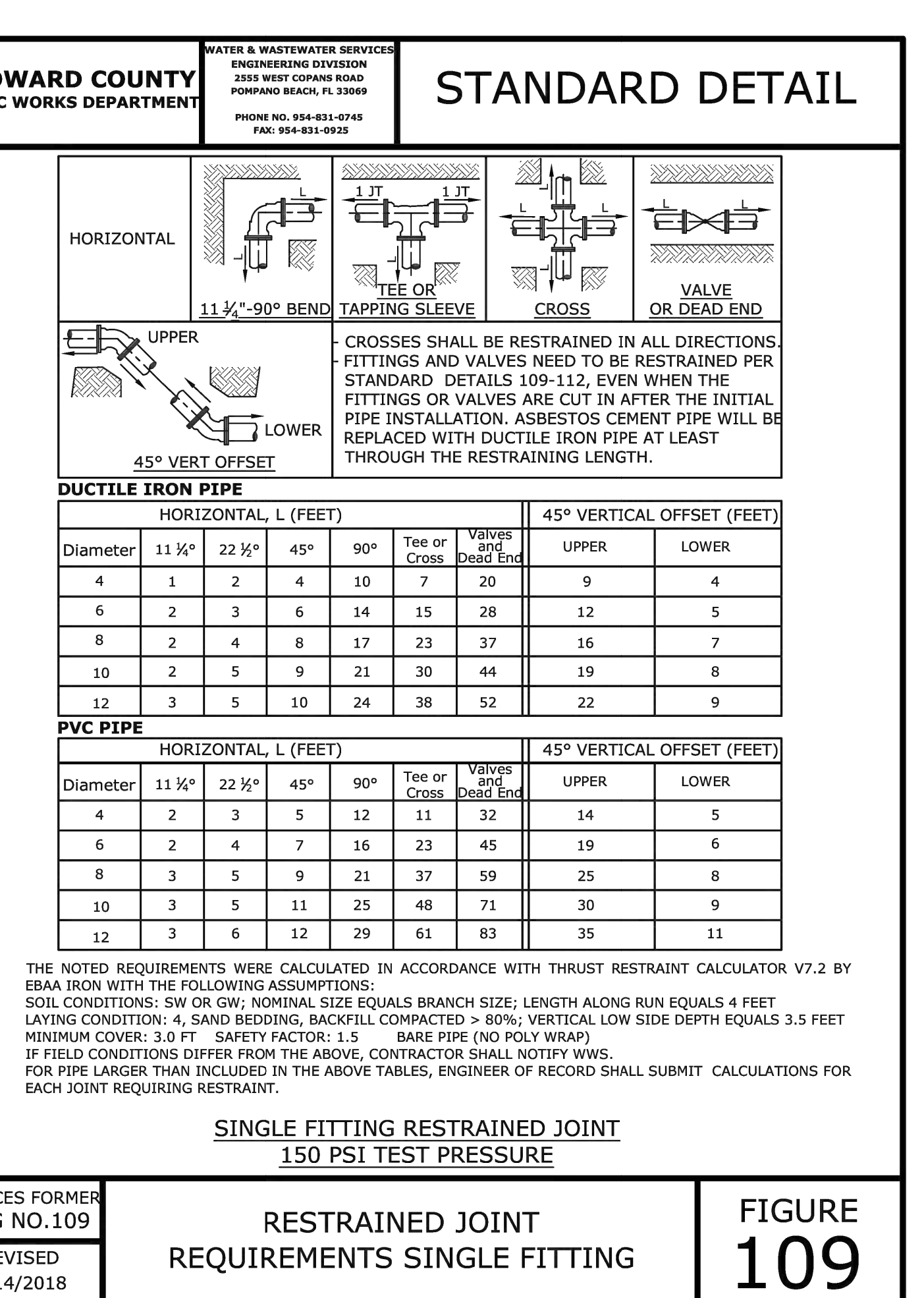
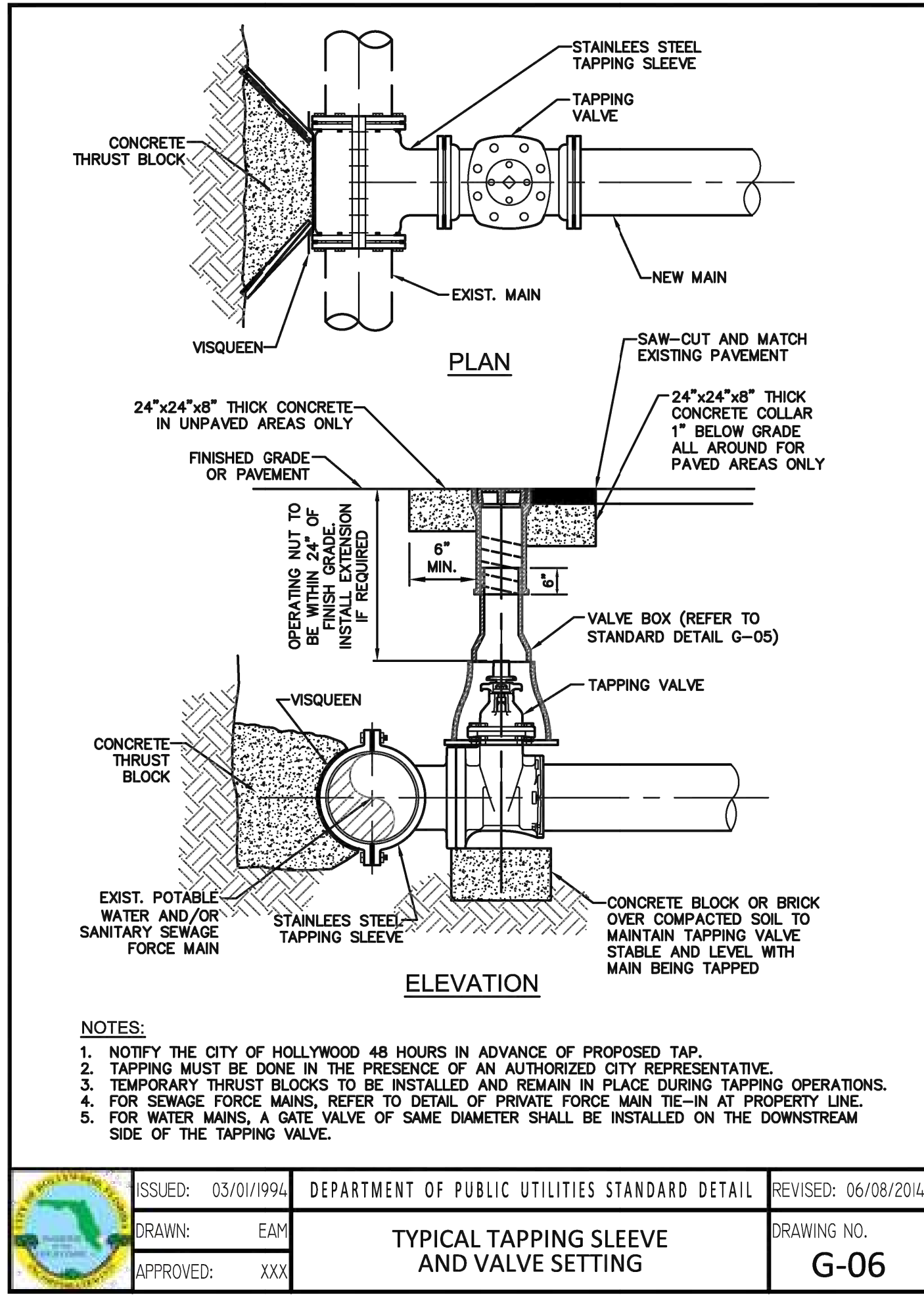
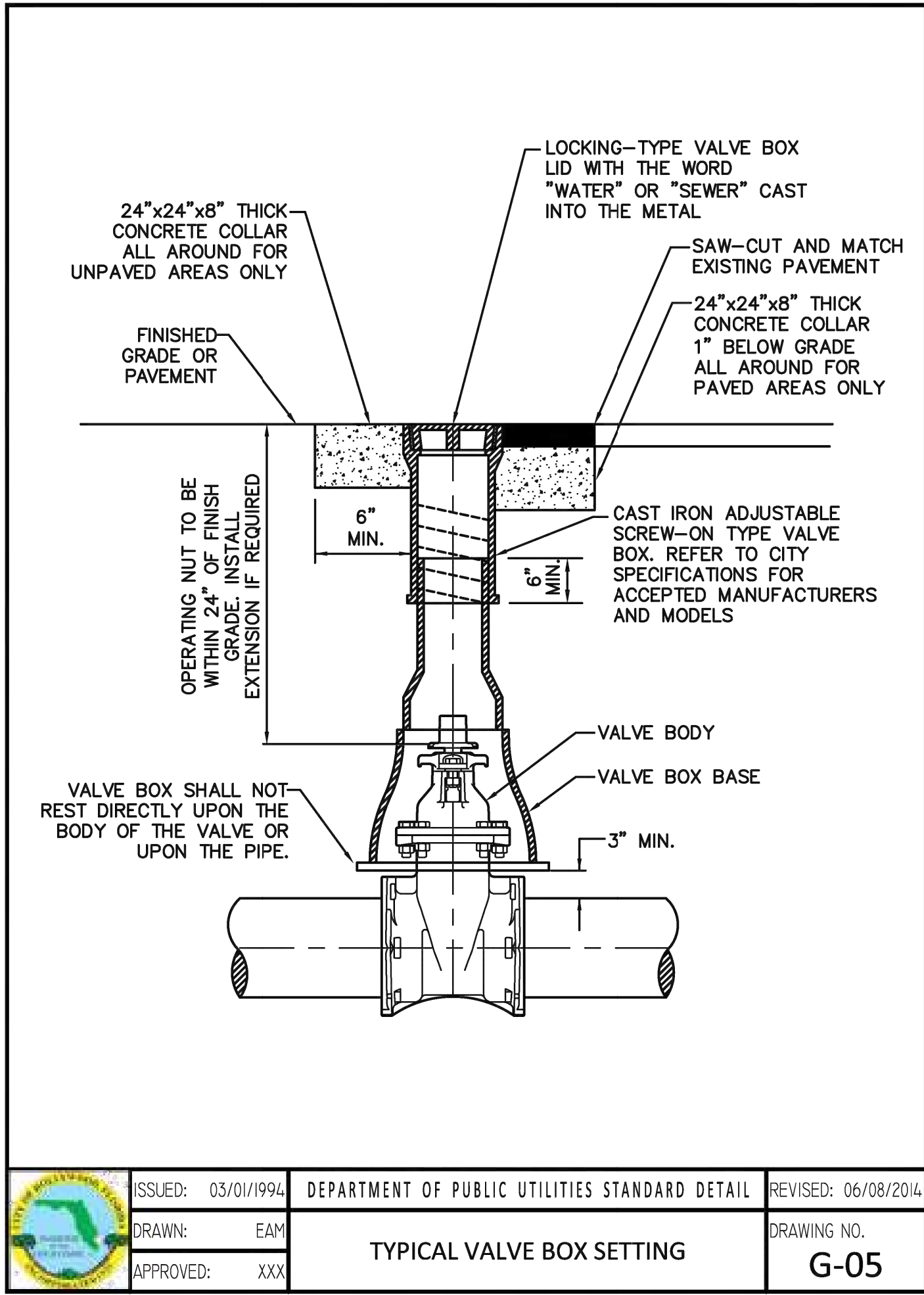
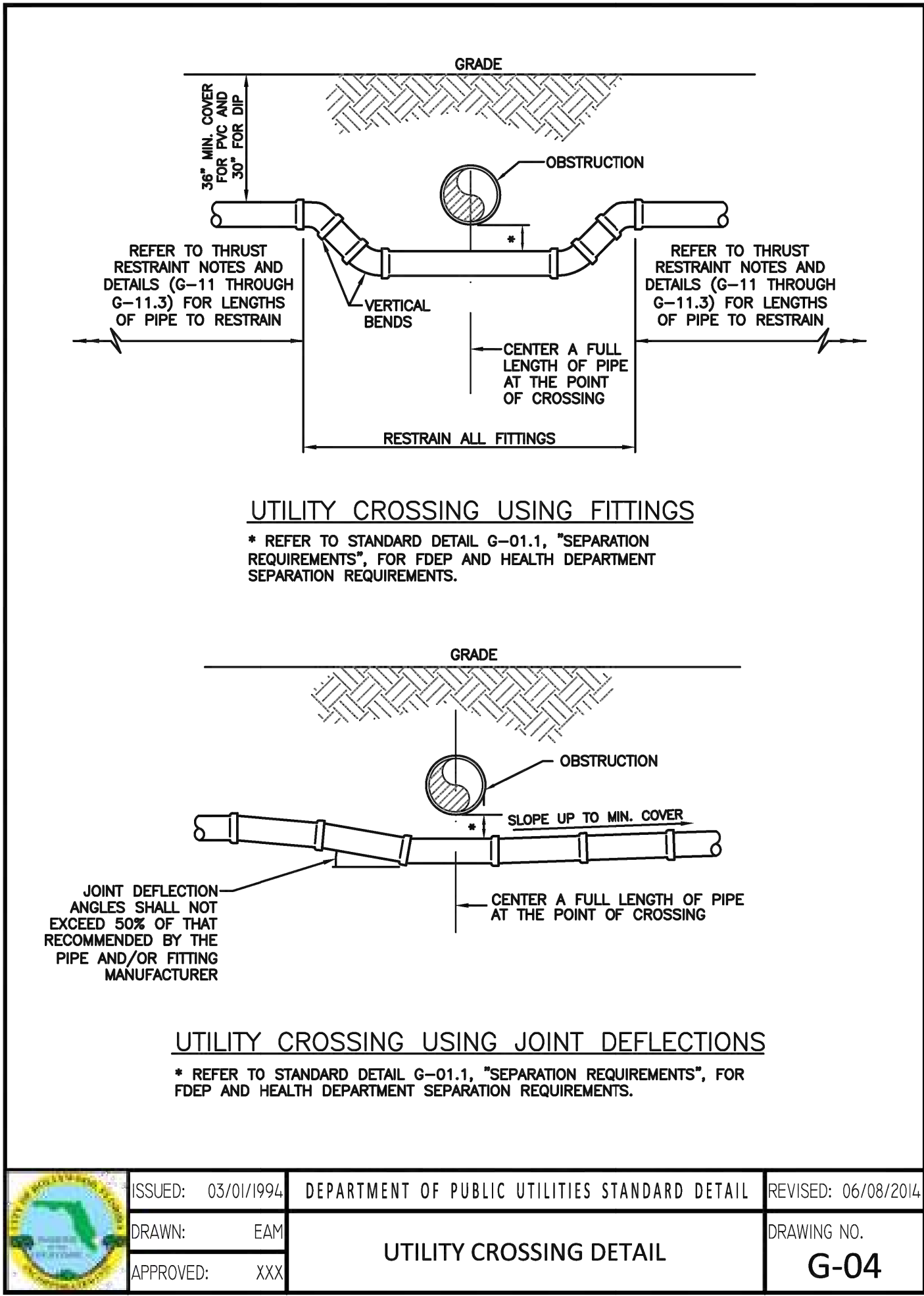
SHEET TITLE
UTILITY PLAN

SHEET NO.

C06

FINAL TAC
ELEVATIONS ARE IN NAVD83

C06 **UTILITY PLAN**
1" = 20'-0"



HKS

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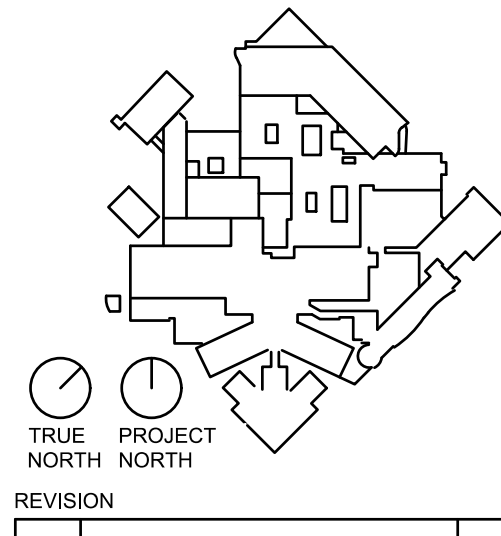
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FINAL TAC

SHEET TITLE
UTILITY DETAILS

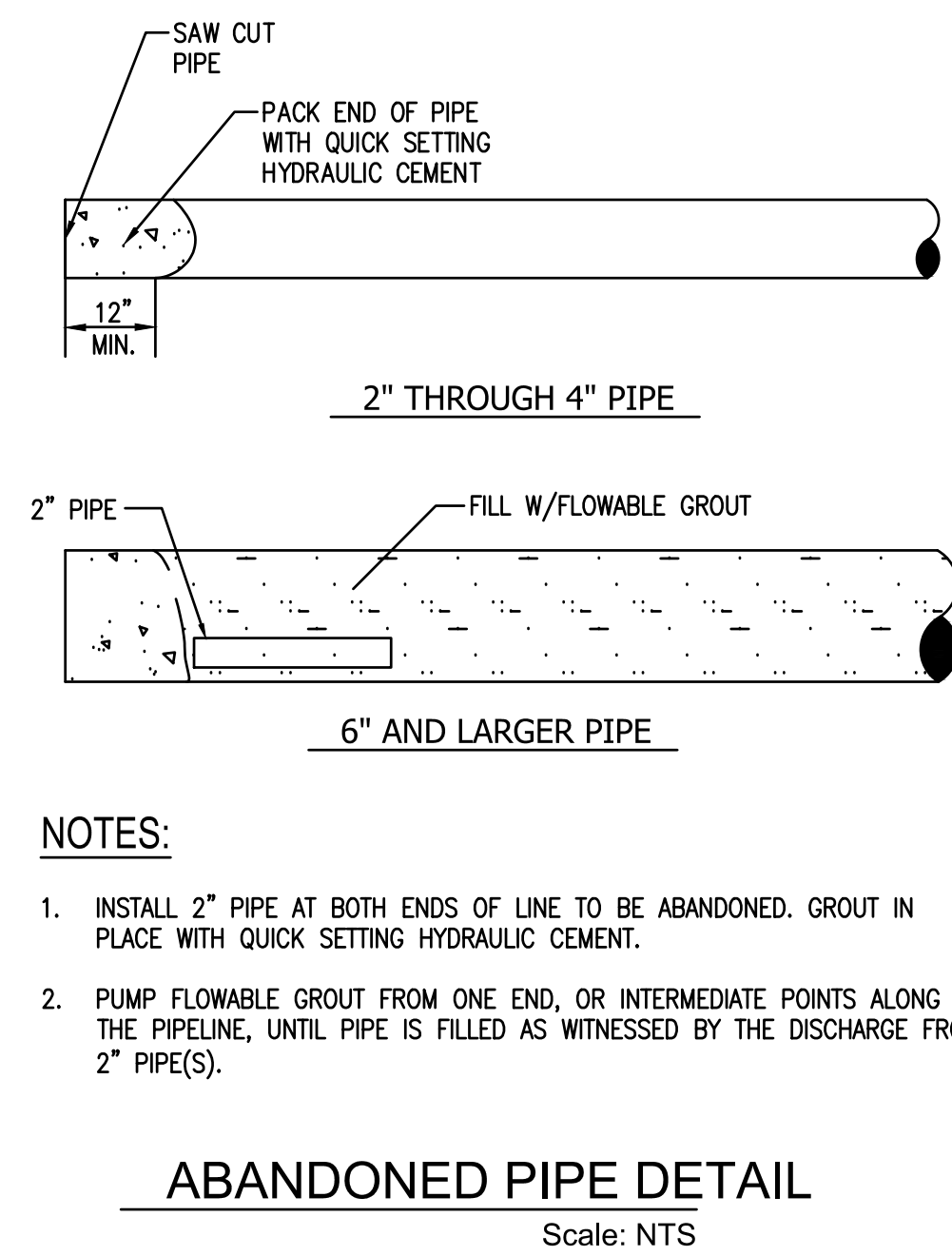
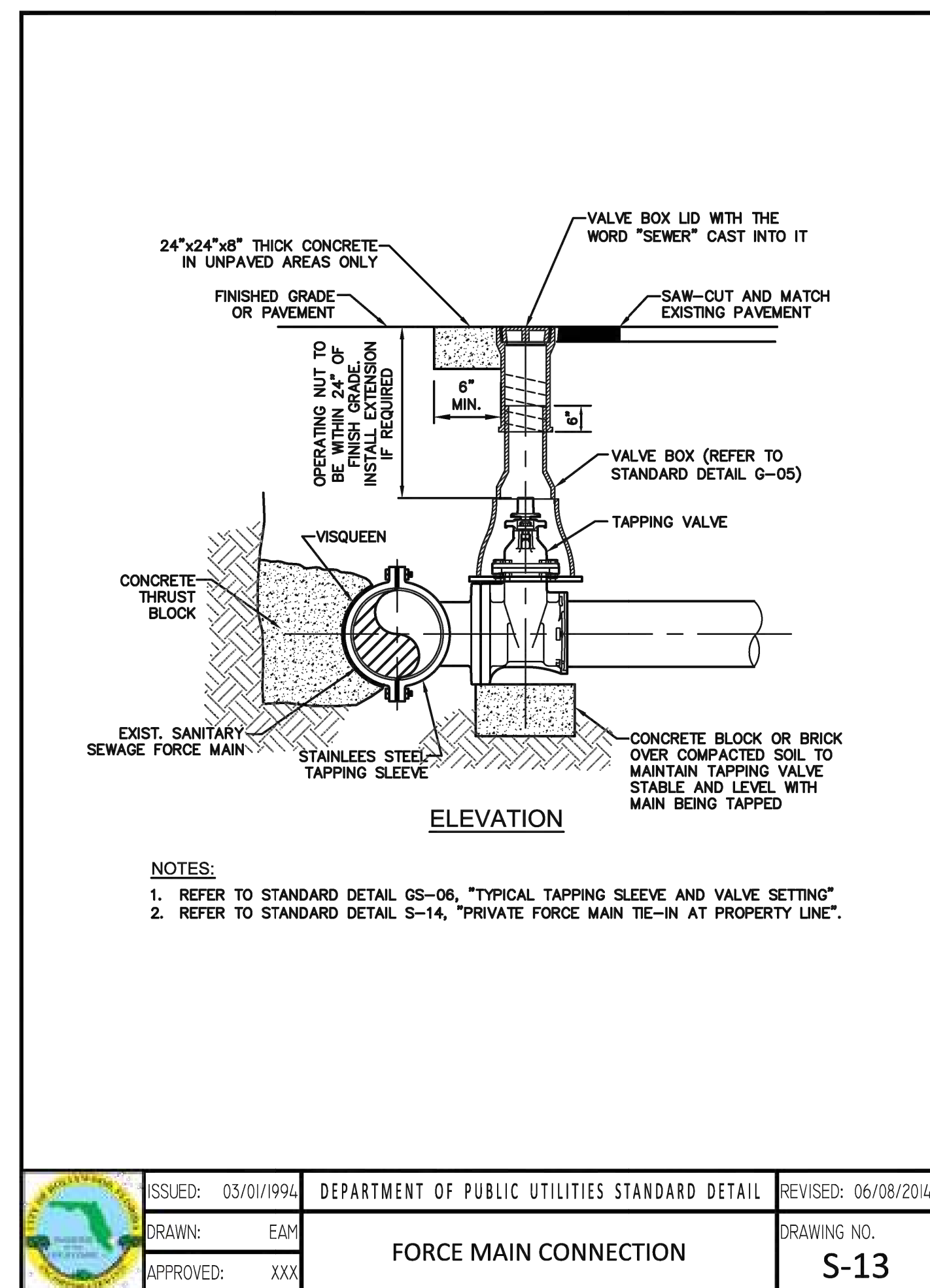
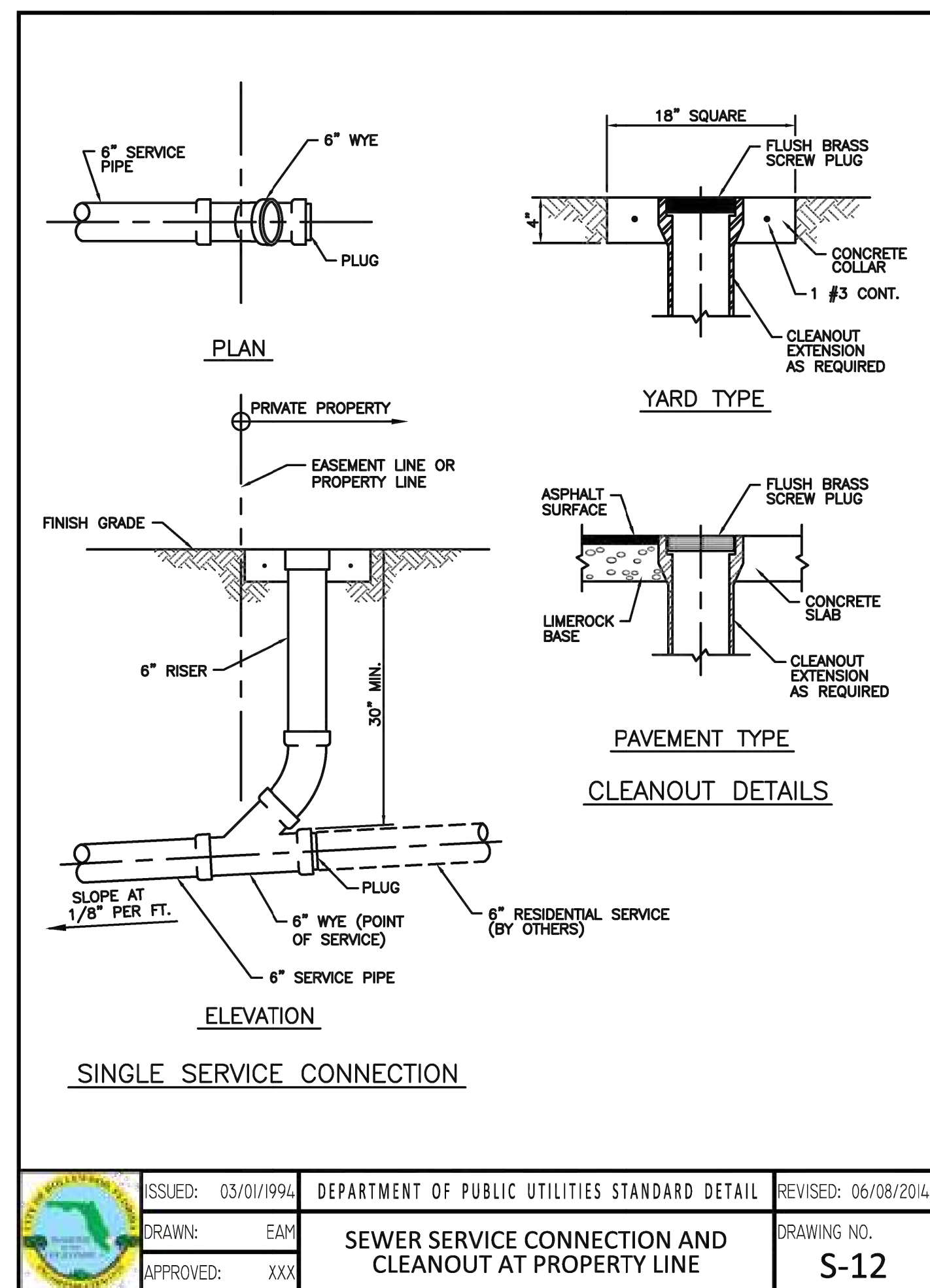
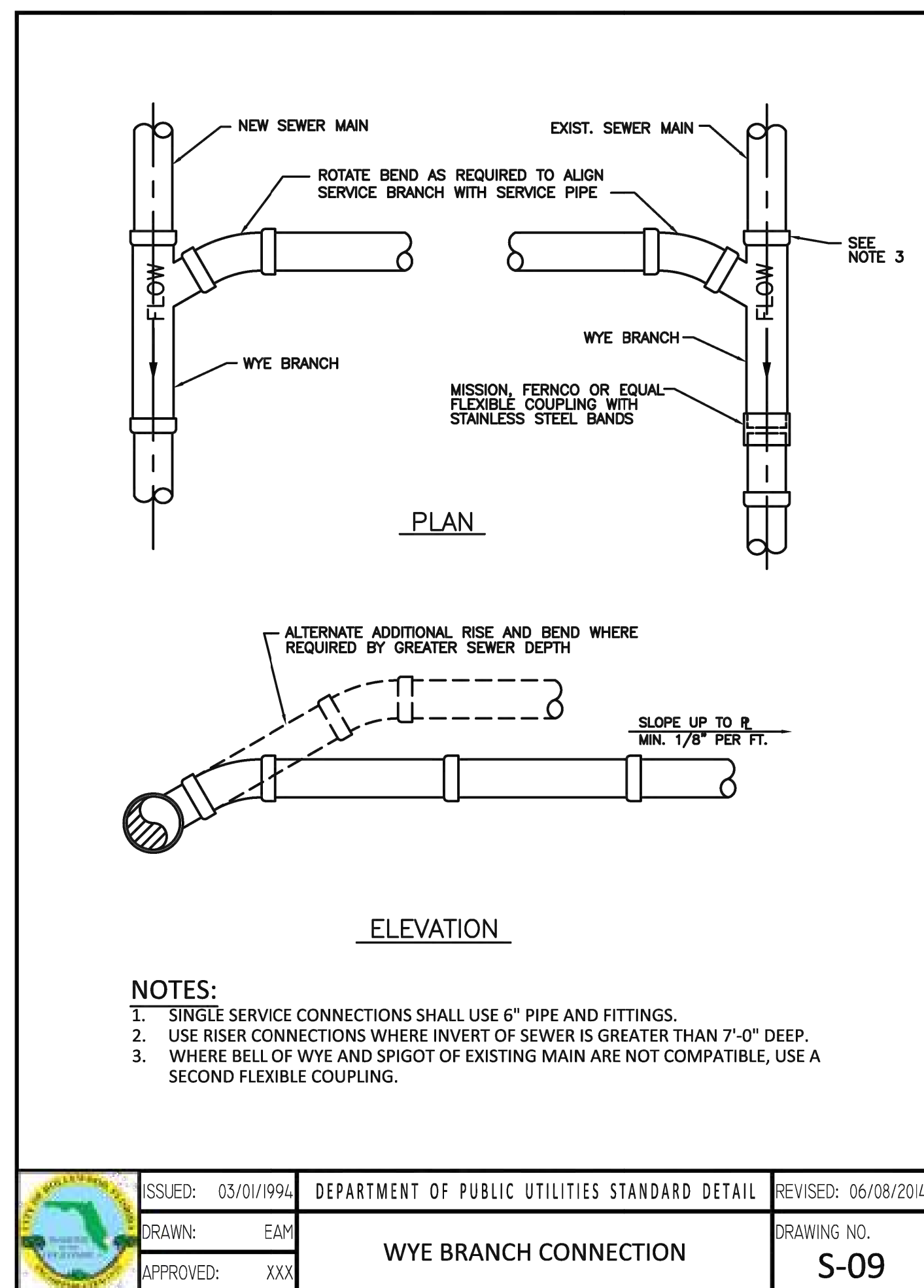
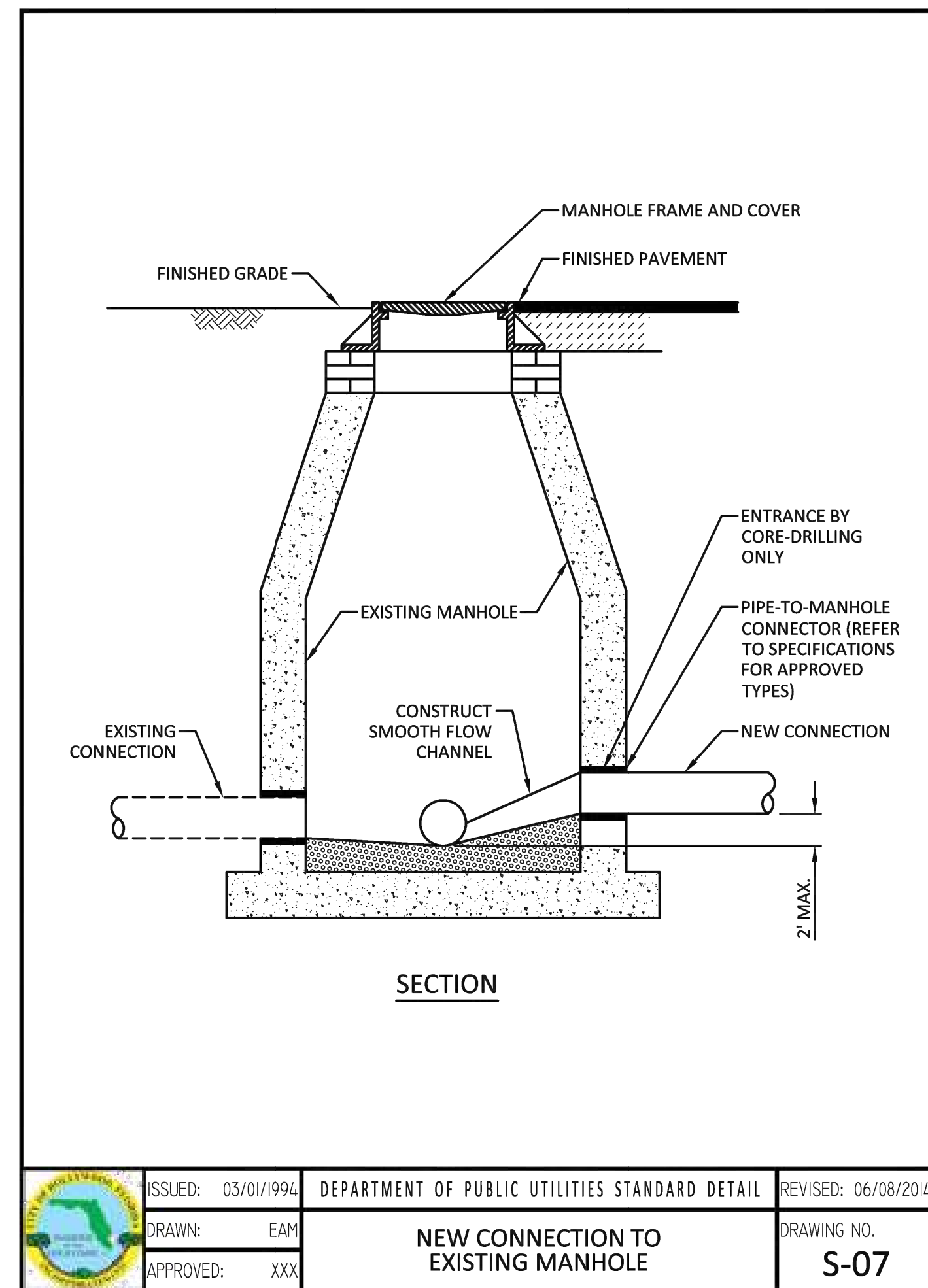
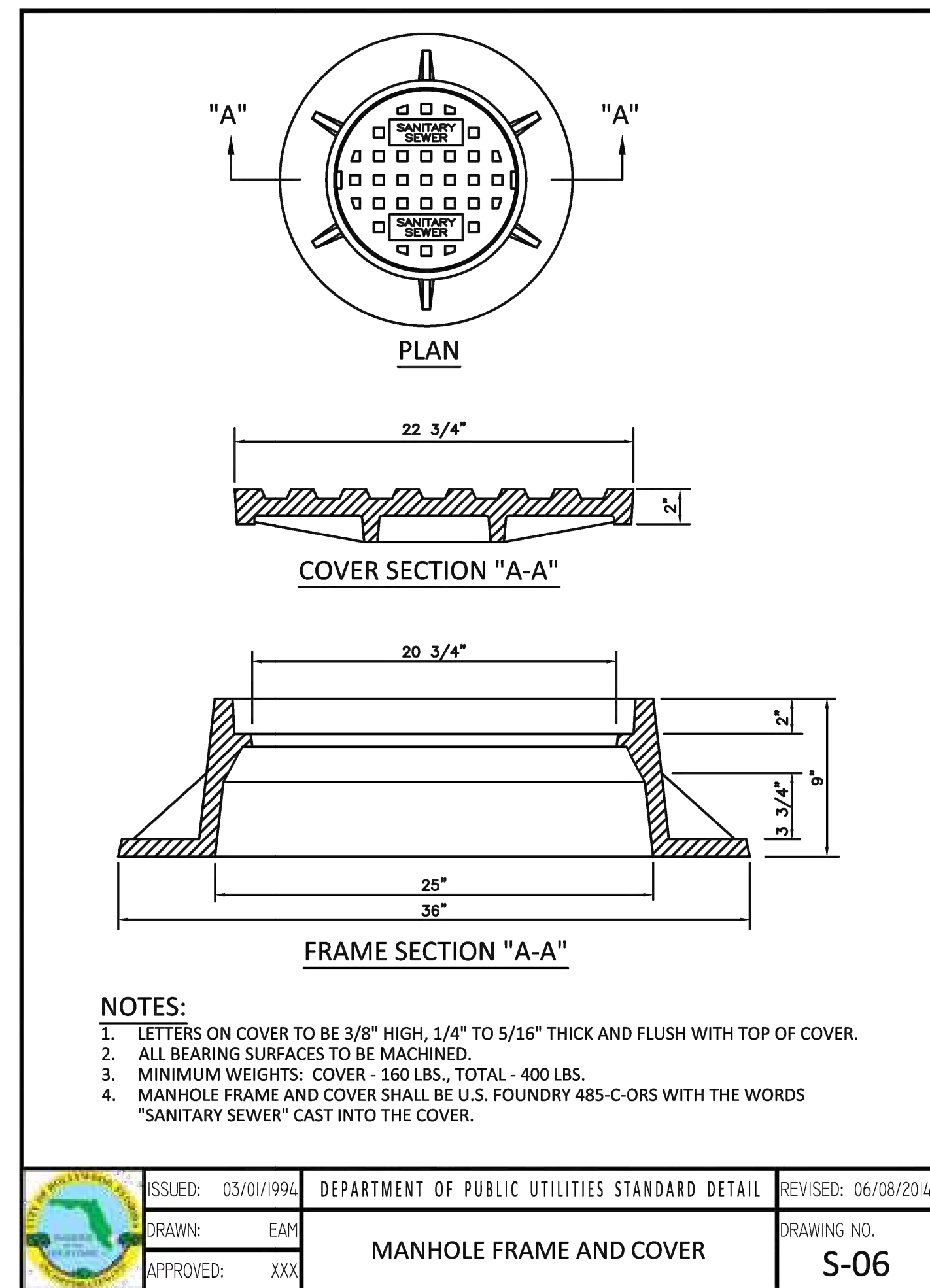
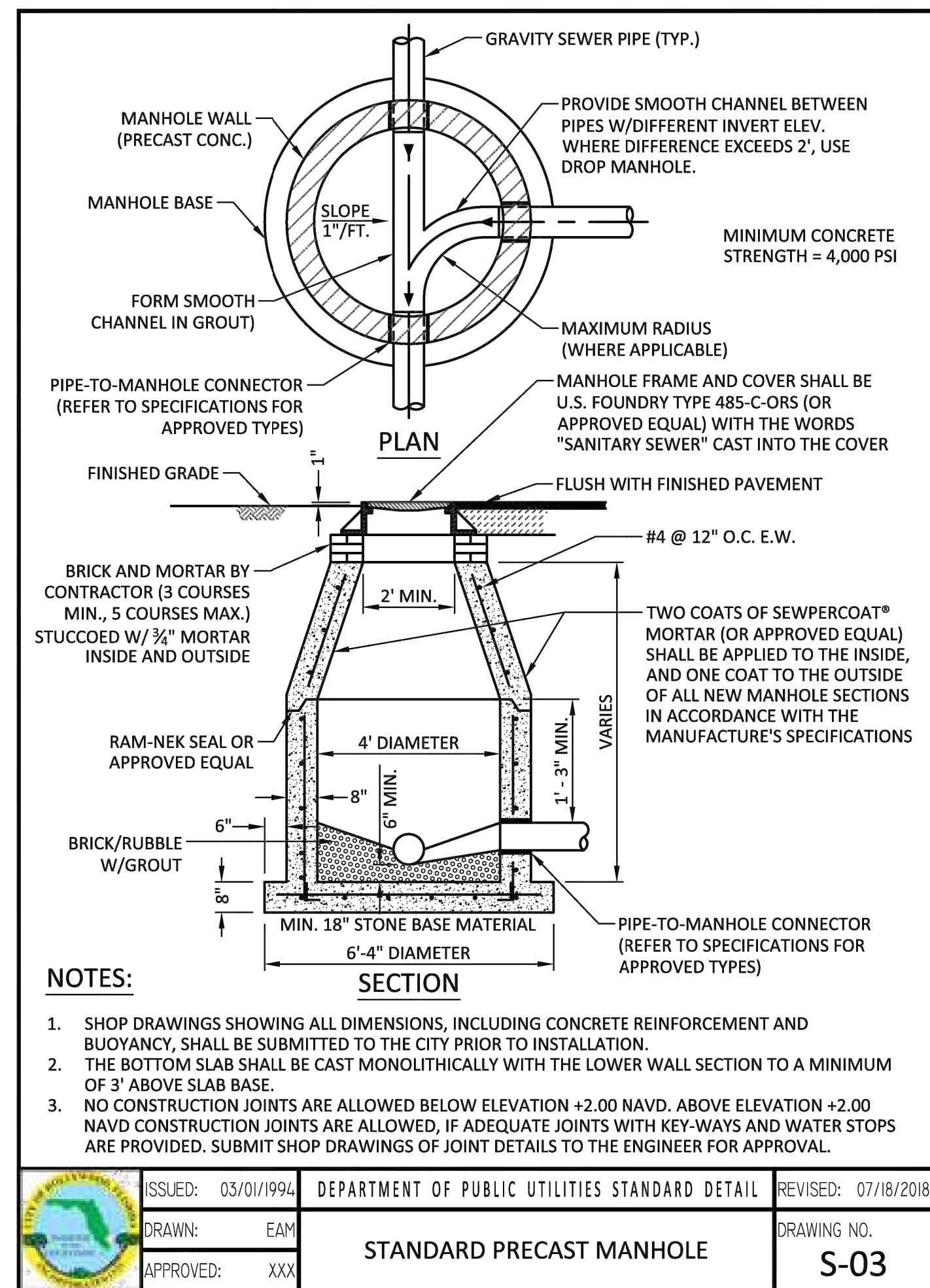
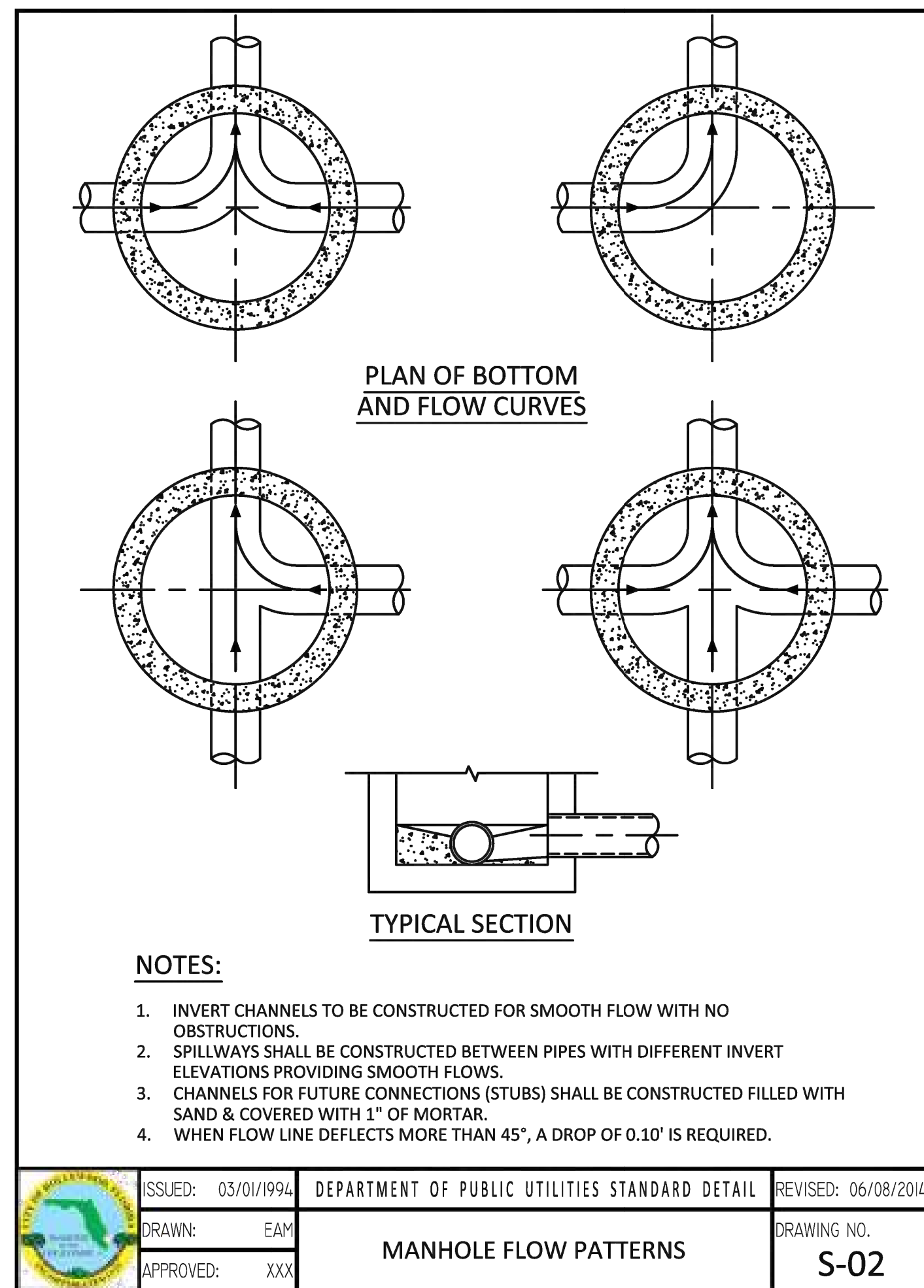
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C07

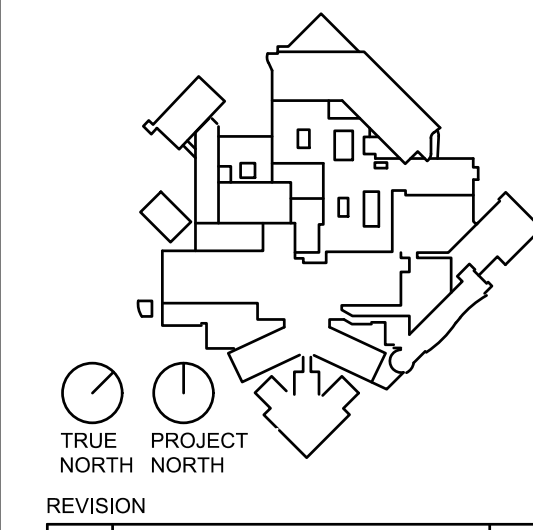
C07 UTILITY DETAILS

NOT TO SCALE

FINAL TAC ELEVATIONS ARE
IN NAVD 88

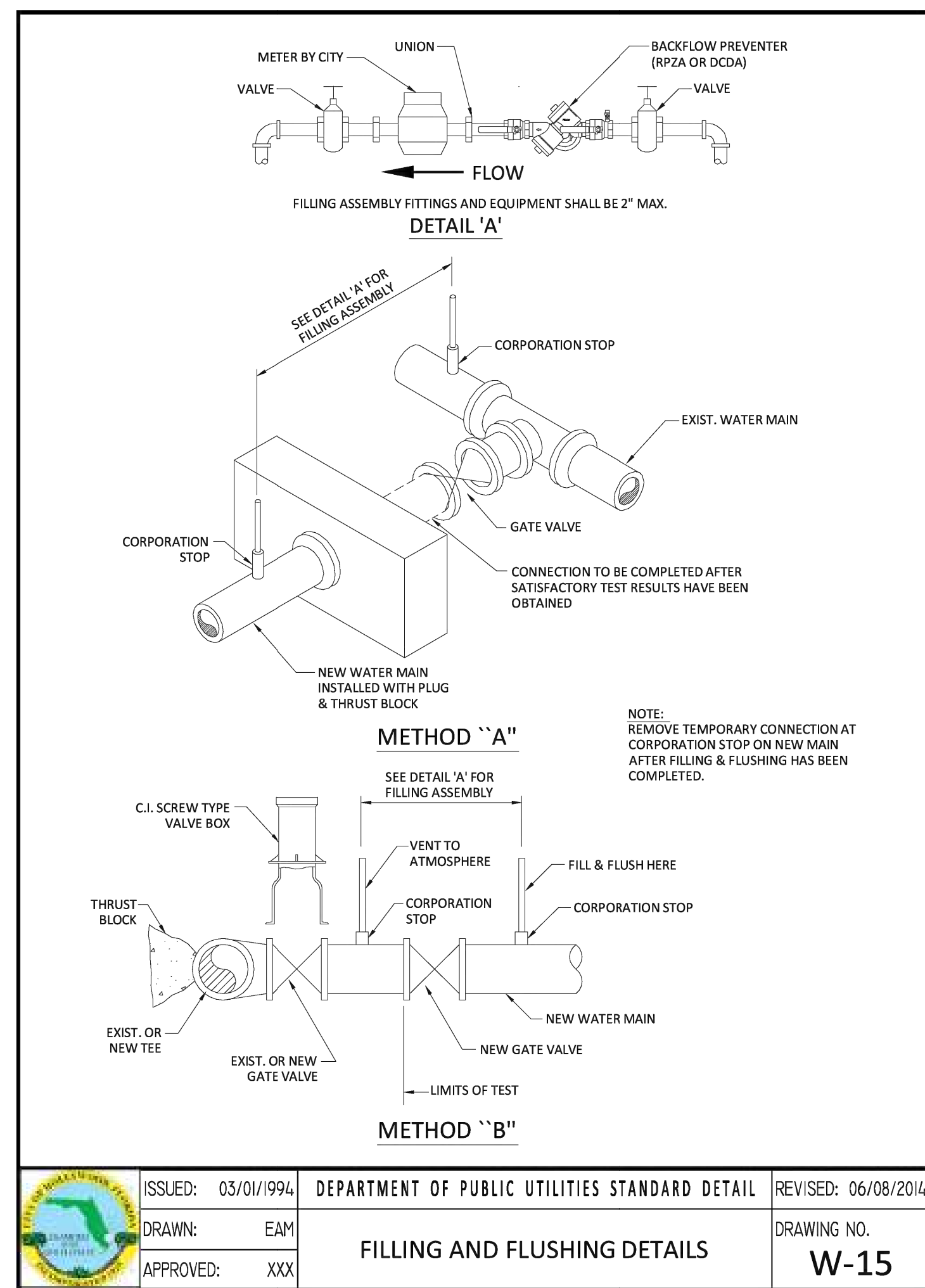
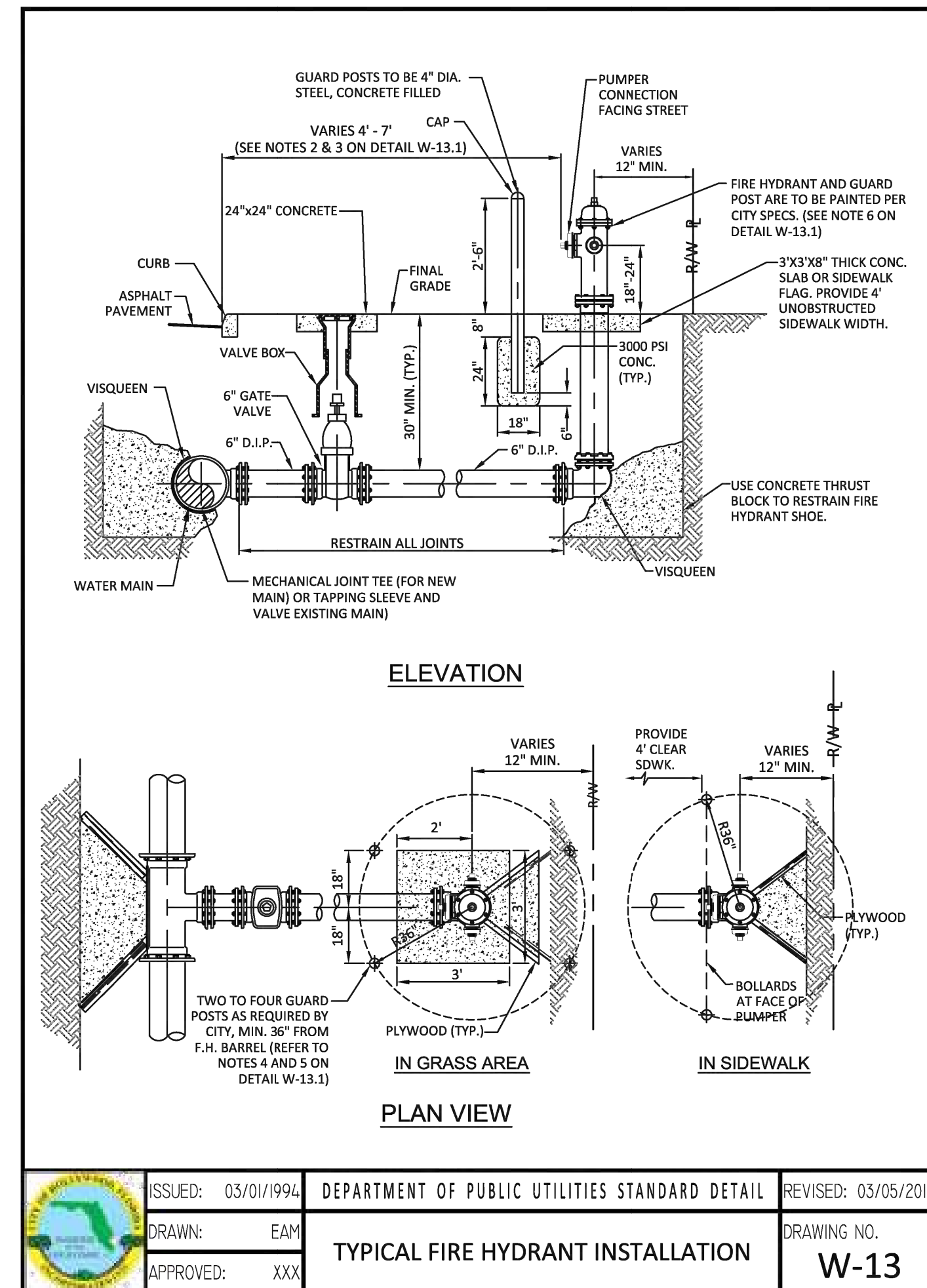
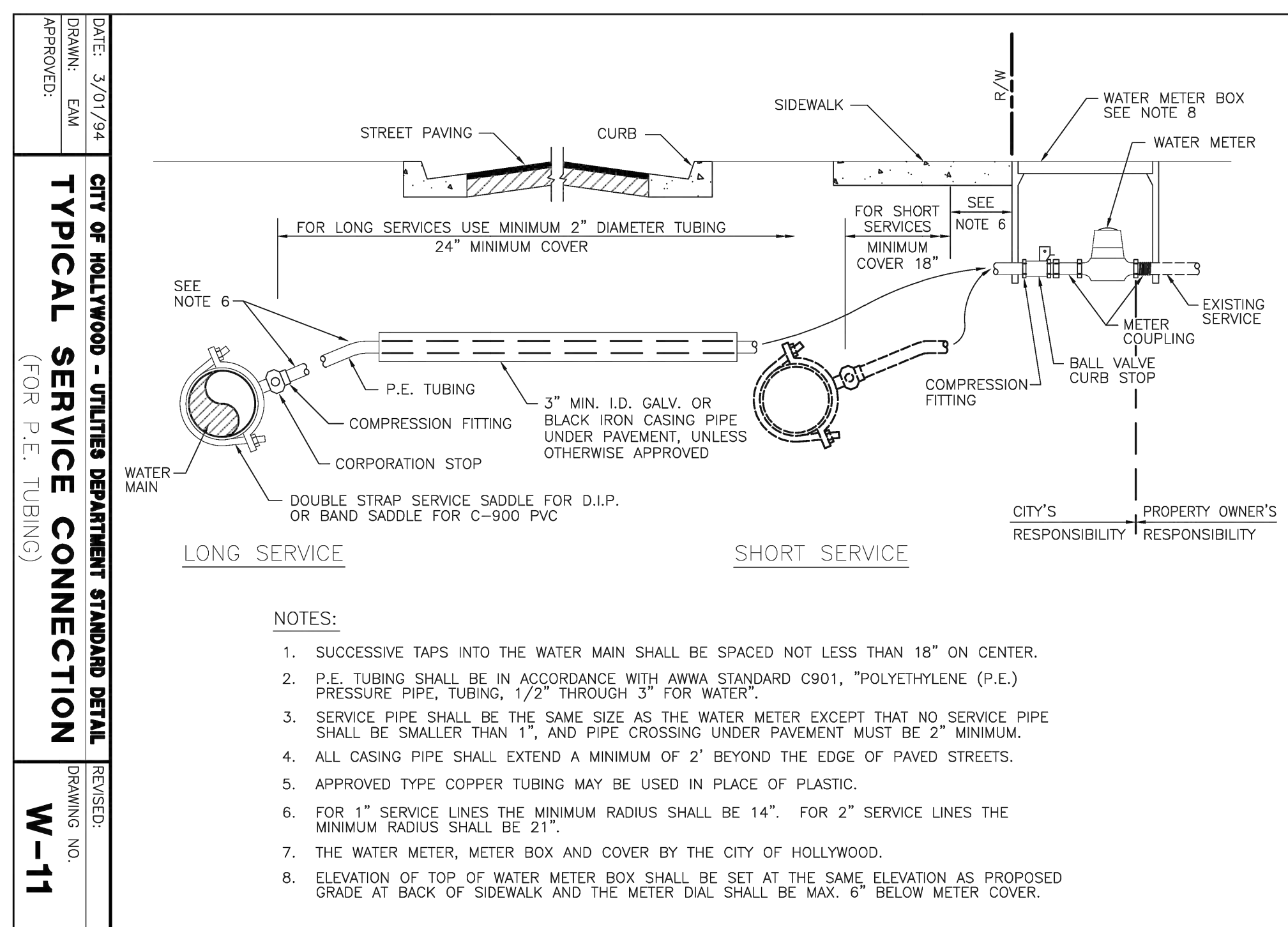
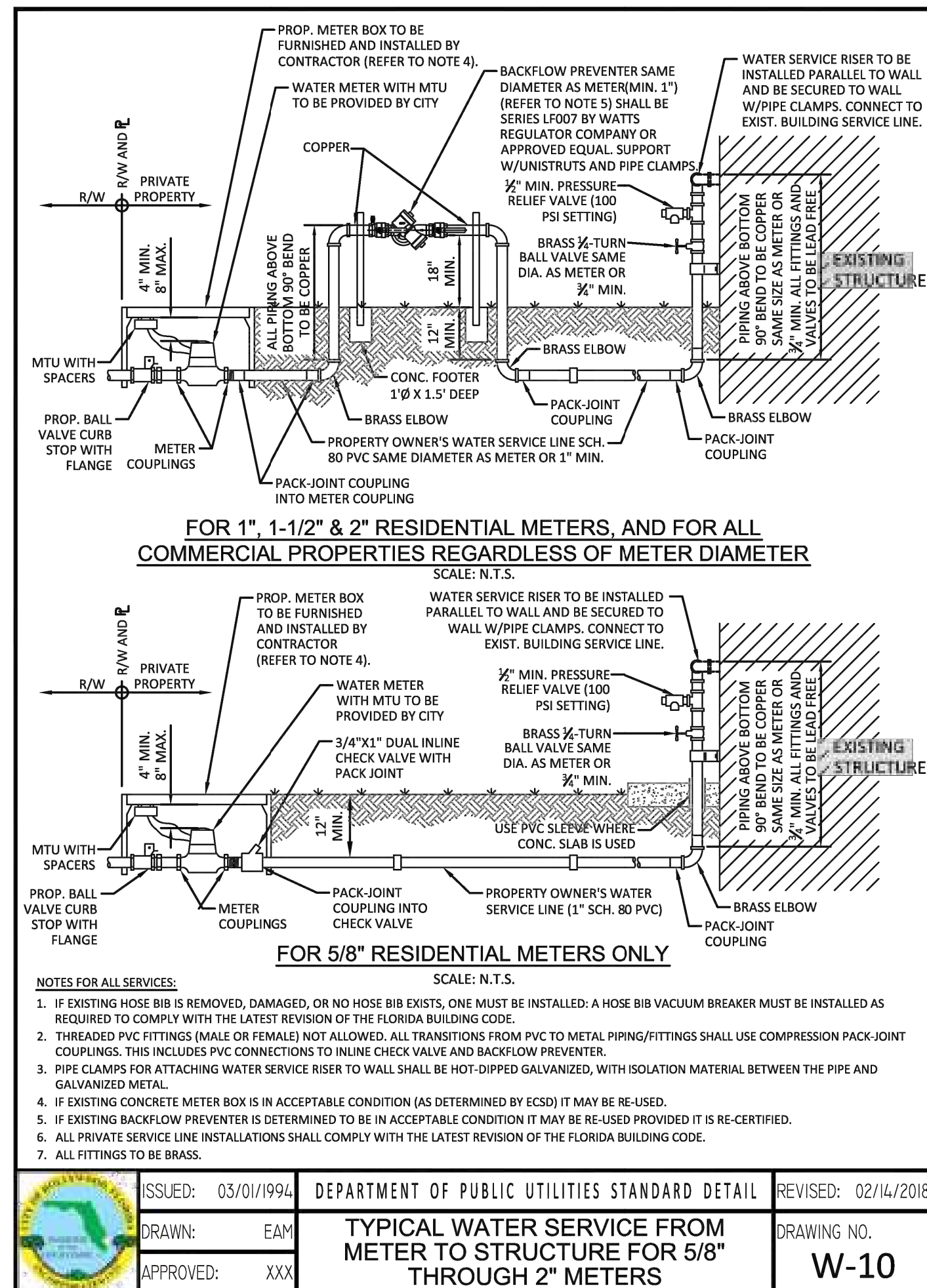


FINAL-TAC ELEVATIONS ARE IN NAVD 88

C08 UTILITY DETAILS
NOT TO SCALE**HKS****ARCHITECT**
HKS ARCHITECTS, INC.
2020 SALZEDO STREET, 4TH FLOOR
CORAL GABLES, FL 33134**INTERIOR DESIGNER**
HKS ARCHITECTS
225 EAST ROBINSON ST, SUITE #405
ORLANDO, FL 32801**CIVIL & LANDSCAPE**
CALVIN GORDANO & ASSOCIATES
1800 ELLER DRIVE, SUITE 600
FORT LAUDERDALE, FL 33316**STRUCTURAL ENGINEER**
GMS STRUCTURAL ENGINEERS
14335 COMMERCE WAY
MIAMI LAKES, FL 33016**MEP & FIRE PROTECTION**
TLC ENGINEERING SOLUTIONS, INC.
800 FAIRWAY DRIVE
DEERFIELD BEACH, FL 33441**TELECOM & EQUIPMENT**
SMITH SECKMAN REID, INC.
2995 SISCO DRIVE
NASHVILLE, TN 37204**OWNER**
MEMORIAL HEALTHCARE SYSTEM
3501 JOHNSON STREET
HOLLYWOOD, FL 33021**Memorial**
Regional Hospital
SURGICAL & CRITICAL CARE TOWER EXPANSION
3501 JOHNSON STREET, HOLLYWOOD, FL 33021**INTERIM REVIEW ONLY**
These documents are incomplete, and are released for interim review only and are not intended for regulatory approval, permit, or construction purposes.
Engineer: James D. Messick
P.E. License No.: 70870
Date: 04/11/2024JAMES D. MESSICK, STATE OF FLORIDA,
PROFESSIONAL ENGINEER, LICENSE NO. 70870.
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COPIES.HKS PROJECT NUMBER
23459.000DATE
JUNE 17, 2024ISSUE
FINAL TACSHEET TITLE
UTILITY DETAILS

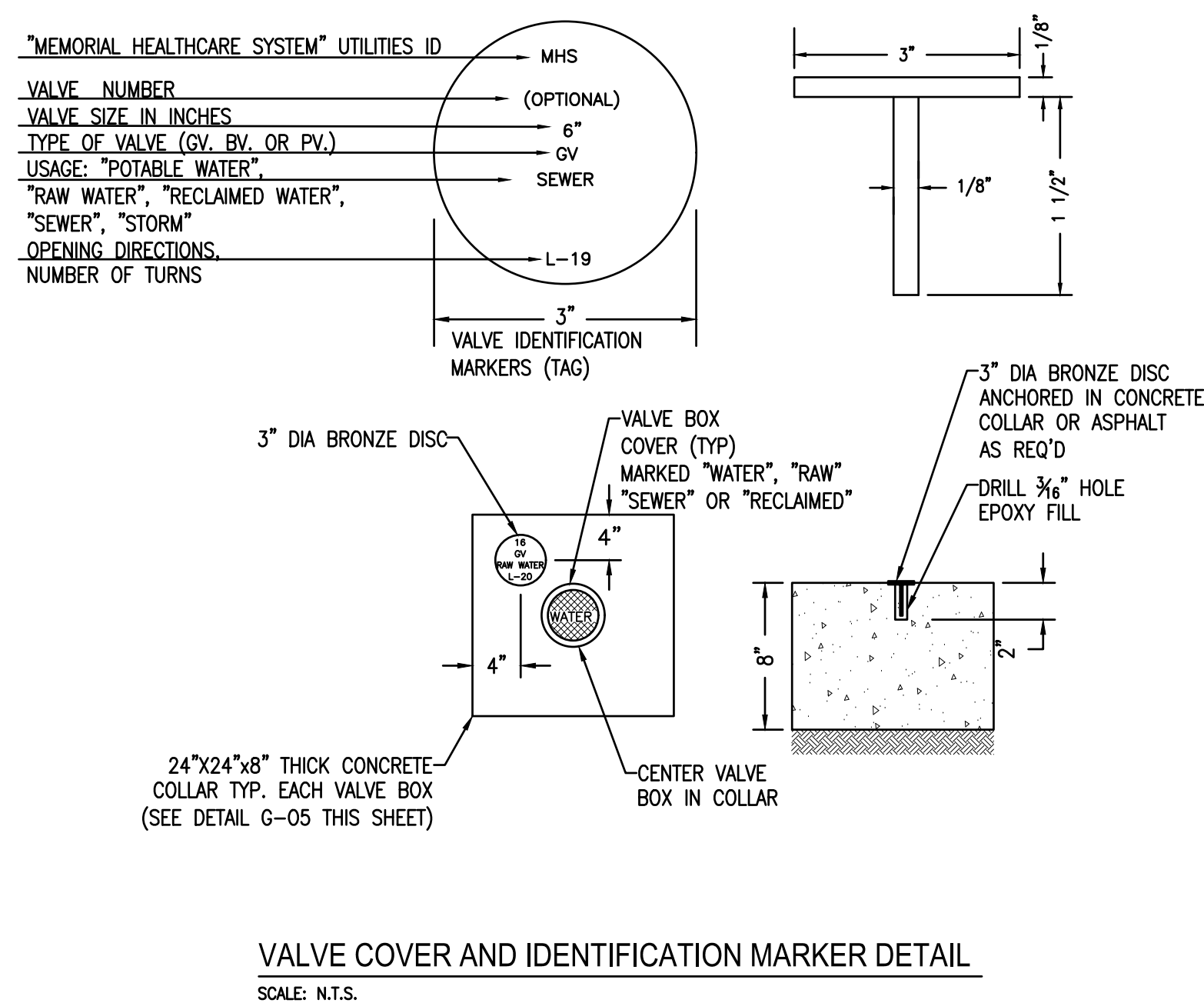
SHEET NO.

C08



NOTES:

1. IN ALL CASES, PROVIDE 4' UNOBSTRUCTED SIDEWALK CLEAR OF THE FIRE HYDRANT AND BOLLARDS.
2. FIRE HYDRANTS SHALL BE LOCATED BETWEEN 4' AND 7' FROM THE FACE OF CURB.
3. FIRE HYDRANTS SHALL NOT BE LOCATED WITHIN A RADIUS OR WITHIN FDOT CLEAR DRIVING ZONE.
4. GUARD POSTS SHALL BE INSTALLED AS REQUIRED FOR SAFETY OR AS APPROVED BY THE DEPT. OF PUBLIC UTILITIES. IN SIDEWALK, LOCATE GUARD POSTS AT THE FACE OF THE PUMPER AND 2'-6" LEFT/RIGHT OF C. OF THE FIRE HYDRANT. EXTRA POSTS MAY BE REQUIRED IN INDUSTRIAL AND COMGESTED TRAFFIC AREAS. (4 POSTS MAX.)
5. FIRE HYDRANT CONCRETE SLAB AND CONCRETE GUARD POST FOOTINGS SHALL BE DIFFERENT POUR.
6. THE FIRE HYDRANT BONNET, OPERATING NUT, HOLD-DOWN NUT, PUMPER CAP AND HOSE CAPS SHALL BE PAINTED GREEN, AND THE HYDRANT UPON BARREL SHALL BE PAINTED SILVER IN ACCORDANCE WITH CITY SPECIFICATIONS.



INTERIOR DESIGNER

CIVIL & LANDSCAPE**STRUCTURAL ENGINEER**

MEP & FIRE PROTECTION

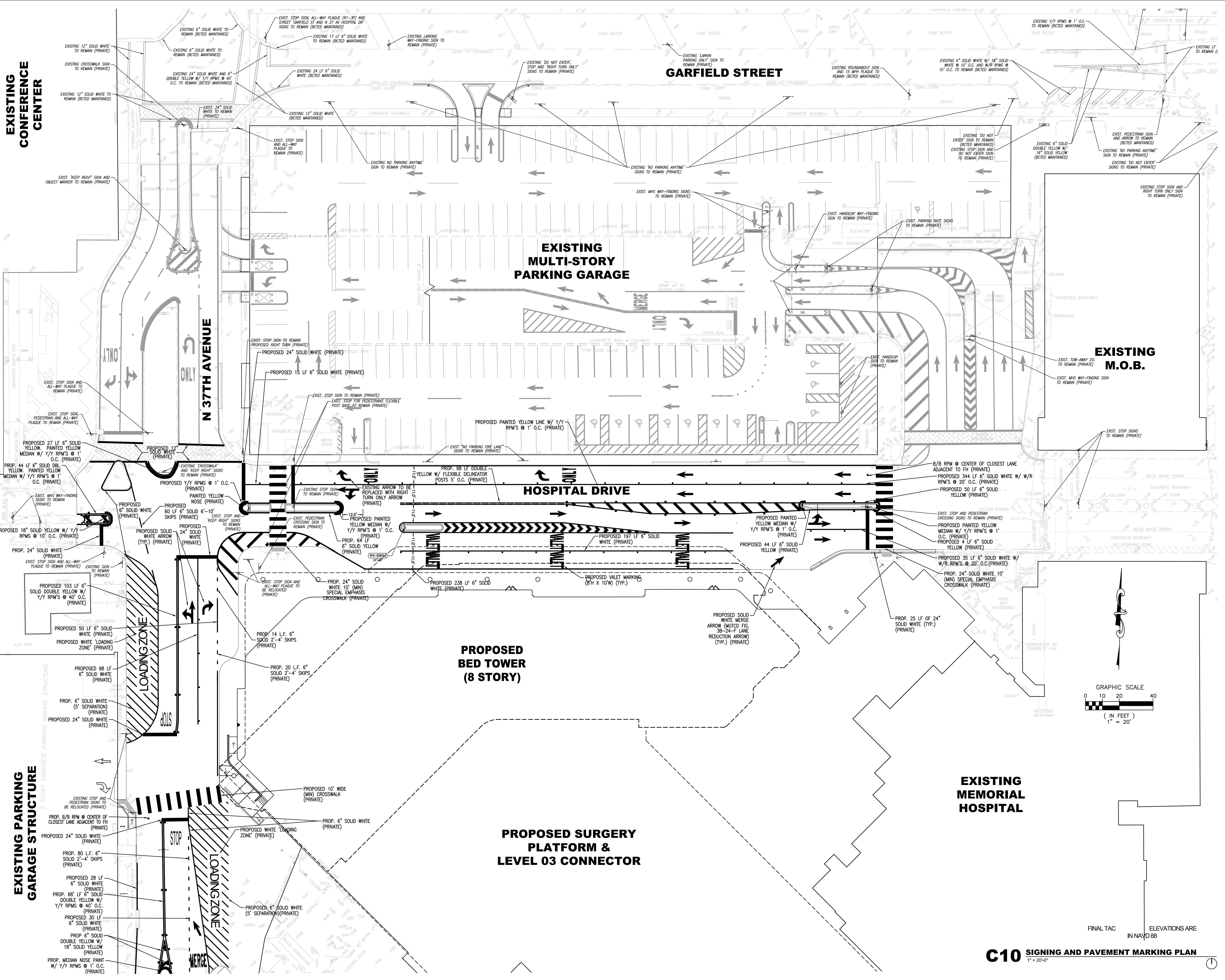
TELECOM & EQUIPMENT

OWNER

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PRINT DATE: 4/20/2023 10:51:59 AM TEMPLATE VERSION: 21.03.20200801

EXISTING
CONFERENCE
CENTER

EXISTING PARKING
GARAGE STRUCTURE



HKS

ARCHITECT
HKS ARCHITECTS, INC.
2020 SALZEDO STREET, 4TH FLOOR
CORAL GABLES, FL 33134

INTERIOR DESIGNER
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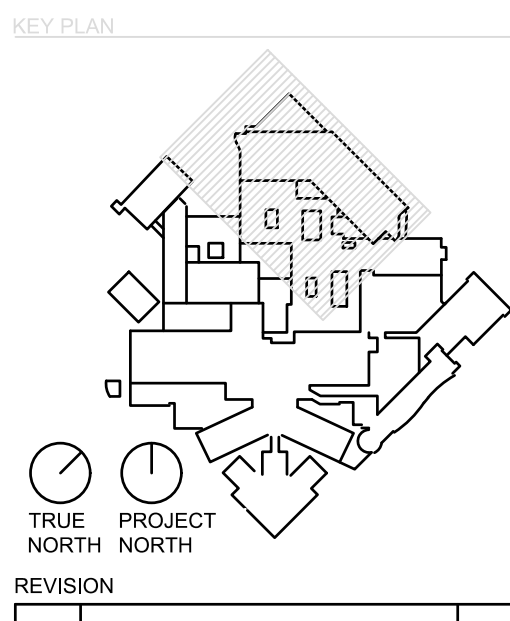
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Engineer: James D. Messick
P.E. License No.: 70870
Date: 04/11/2024



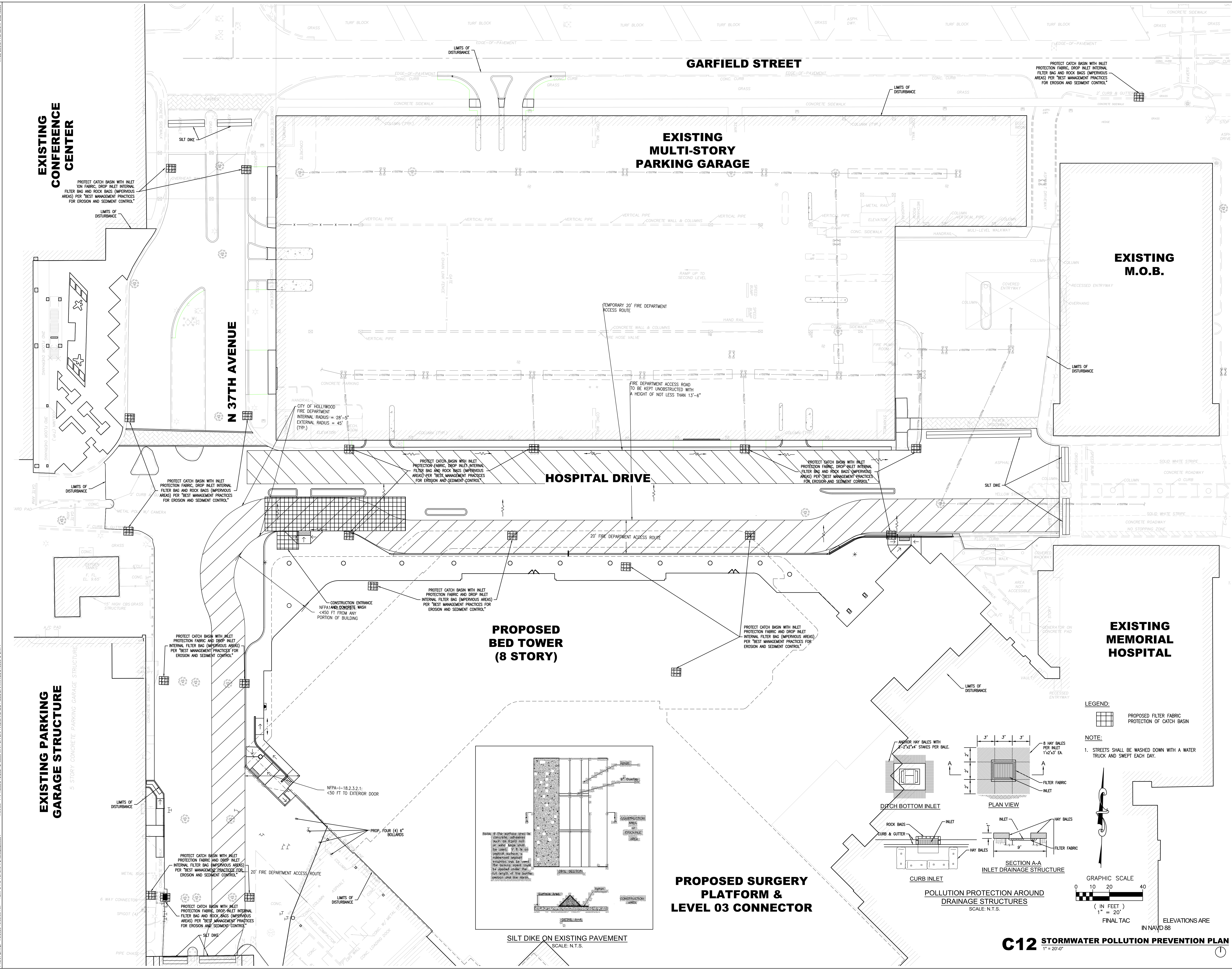
JAMES D. MESSICK, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 70870.
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HKS PROJECT NUMBER
23459.000
DATE
JUNE 17, 2024
ISSUE
FINAL TAC

SHEET TITLE
SIGNING AND PAVEMENT MARKING PLAN

SHEET NO.
C10

C10 SIGNING AND PAVEMENT MARKING PLAN
1" = 20'-0"



SITE DESCRIPTION		GENERAL									
<p>PROJECT NAME AND LOCATION: MEMORIAL REGIONAL HOSPITAL – OPERATION ROOMS EXPANSION</p> <p>OWNER NAME AND ADDRESS: SOUTH BROWARD HOSPITAL DISTRICT D/PA MEMORIAL HEALTHCARE SYSTEM 3501 JOHNSON ST. HOLLYWOOD, FL. 33021</p> <p>DESCRIPTION: PROJECT PROPOSES IMPROVEMENTS TO PAVING, GRADING, AND DRAINAGE, PAVEMENT MARKING AND SIGNAGE, STORMWATER POLLUTION PREVENTION, AND EXISTING UTILITY RELOCATION.</p> <p>SOIL DISTURBING ACTIVITIES SOIL DISTURBING ACTIVITIES WILL INCLUDE, CLEARING AND GRUBBING, INSTALLING DRAINAGE, UTILITY RELOCATION, ELECTRICAL LINES, SDO, CONCRETE AND PAVEMENT RESTORATION.</p> <table><tr><th>RUNOFF CURVE NUMBERS</th><th>AREA</th></tr><tr><td>1. PRE-CONSTRUCTION</td><td>N/A</td></tr><tr><td>2. DURING CONSTRUCTION</td><td>N/A</td></tr><tr><td>3. POST-CONSTRUCTION</td><td>N/A</td></tr></table> <p>SOILS: REFER TO GEOTECHNICAL REPORT</p> <p>SITE MAPS: REFER TO PLANS</p> <p>SITE AREA: 1. TOTAL AREA OWNED: ~0.44 ACRES 2. AREA TO BE DISTURBED: ~0.44 ACRES (PROJECT AREA)</p> <p>NAME OF RECEIVING WATERS: RUNOFF TO BE CONTAINED ONSITE</p>		RUNOFF CURVE NUMBERS	AREA	1. PRE-CONSTRUCTION	N/A	2. DURING CONSTRUCTION	N/A	3. POST-CONSTRUCTION	N/A	<p>THE CONTRACTOR SHALL AT A MINIMUM IMPLEMENT THE CONTRACTOR'S REQUIREMENTS OUTLINED BELOW AND THOSE MEASURES SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN. IN ADDITION THE CONTRACTOR SHALL UNDERTAKE ADDITIONAL MEASURES REQUIRED TO BE IN COMPLIANCE WITH APPLICABLE PERMIT CONDITIONS AND STATE WATER QUALITY STANDARDS. DEPENDING ON THE NATURE OF MATERIALS AND METHODS OF CONSTRUCTION THE CONTRACTOR MAY BE REQUIRED TO ADD FLOODGATES TO THE RETENTION SYSTEM PRIOR TO PLACING THE SYSTEM INTO OPERATION.</p> <p>SEQUENCE OF MAJOR ACTIVITIES:</p> <p>1. INSTALL EROSION AND SEDIMENT CONTROL MEASURES. 2. CLEAR AND GRUB SITE 3. CONTINUE WITH E&S CONTROL MEASURES. 4. INSTALL DRAINAGE, RELOCATE UTILITIES AND ELECTRICAL LINES. 5. CONTINUE WITH E&S CONTROL MEASURES 6. BACKFILL AND INSTALL SDO AND LANDSCAPING. RESTORE ASPHALT PAVEMENT AND CONCRETE 7. CONTINUE WITH E&S CONTROL MEASURES. 8. REMOVE ACCUMULATED SEDIMENTS FROM EXISTING STORMWATER MANAGEMENT SYSTEM.</p> <p>TIMING OF CONTROLS/MEASURES</p> <p>THE FILTER FABRIC AND HAY BALES WILL BE INSTALLED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL. IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, THAT AREA WILL BE STABILIZED PERMANENTLY IN ACCORDANCE WITH THE PLANS. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE SEDIMENT TRAPS AND THE EARTH DIVERSIONS BE DEGRADED/REMOVED AND STABILIZED.</p> <p>1. ARE THERE ENDANGERED SPECIES ON SITE? NONE KNOWN. 2. ARE THERE CRITICAL HABITAT ON SITE? NONE KNOWN. IF YES TO EITHER QUESTION, PLEASE EXPLAIN.</p> <p>IT IS THE CONTRACTORS RESPONSIBILITY TO IMPLEMENT THE EROSION AND TURBIDITY CONTROLS AS SHOWN ON THE GRADING, DRAINAGE & EROSION CONTROL PLAN. IT IS ALSO THE CONTRACTORS RESPONSIBILITY TO ENSURE THESE CONTROLS ARE PROPERLY INSTALLED, MAINTAINED AND FUNCTIONING PROPERLY TO PREVENT TURBID OR POLLUTED WATER FROM LEAVING THE PROJECT SITE. THE CONTRACTOR WILL ADJUST THE EROSION AND TURBIDITY CONTROLS SHOWN ON THE GRADING, DRAINAGE & EROSION CONTROL PLAN AND ADD ADDITIONAL CONTROL MEASURES, AS REQUIRED, TO ENSURE THE SITE MEETS ALL FEDERAL, STATE AND LOCAL EROSION AND TURBIDITY CONTROL MEASURES. THE FOLLOWING BEST MANAGEMENT PRACTICES WILL BE IMPLEMENTED BY THE CONTRACTOR AS REQUIRED BY THE GRADING, DRAINAGE & EROSION CONTROL PLAN AND AS REQUIRED TO MEET THE EROSION AND TURBIDITY REQUIREMENTS IMPOSED ON THE PROJECT SITE BY THE REGULATORY AGENCIES.</p> <p>CONTROLS</p> <p>EROSION AND SEDIMENT CONTROLS STABILIZATION PRACTICES (IF APPLICABLE):</p> <p>1. SYNTHETIC BALE BARRIER: SYNTHETIC BALE BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS: A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 3% PERCENT. B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES. C. WHERE EFFECTIVENESS IS REQUIRED FOR LESS THAN 3 MONTHS. D. EVERY EFFORT SHOULD BE MADE TO LIMIT THE USE OF SYNTHETIC BALE BARRIERS CONSTRUCTED IN LIVE STREAMS OR IN SWALES WHERE THERE IS THE POSSIBILITY OF A WASHOUT. IF NECESSARY, MEASURES SHALL BE TAKEN TO PROPERLY ANCHOR BALES TO INSURE AGAINST WASHOUT. REFER TO EROSION CONTROL DETAILS FOR CONSTRUCTING THE SYNTHETIC BALE BARRIER. ALSO, REFER TO THE STORMWATER POLLUTION PREVENTION PLAN FOR PROPER FLOW LOCATION.</p> <p>2. FILTER FABRIC BARRIER: FILTER FABRIC BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS: A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 3% PERCENT. B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES. REFER TO THE EROSION CONTROL DETAILS FOR PROPER CONSTRUCTION OF THE FILTER FABRIC BARRIER.</p>	
RUNOFF CURVE NUMBERS	AREA										
1. PRE-CONSTRUCTION	N/A										
2. DURING CONSTRUCTION	N/A										
3. POST-CONSTRUCTION	N/A										
<p>THIS PLAN UTILIZES BEST MANAGEMENT PRACTICES TO CONTROL EROSION AND TURBIDITY CAUSED BY STORMWATER RUN OFF. AN EROSION AND TURBIDITY PLAN HAS BEEN PREPARED TO INSTRUCT THE CONTRACTOR ON PLACEMENT OF THESE CONTROLS. IT IS THE CONTRACTORS RESPONSIBILITY TO INSTALL AND MAINTAIN THE CONTROLS PER PLAN AS WELL AS ENSURING THE PLAN IS PROVIDING THE PROPER PROTECTION AS REQUIRED BY FEDERAL, STATE AND LOCAL LAWS. REFER TO "CONTRACTORS RESPONSIBILITY" FOR A VERBAL DESCRIPTION OF THE CONTROLS THAT MAY BE IMPLEMENTED.</p> <p>STORMWATER MANAGEMENT: THE EXISTING STORMWATER SYSTEM CONVEYS STORMWATER RUNOFF VIA CATCH BASINS AND UNDERGROUND GRAVITY PIPING.</p> <p>WHERE PRACTICAL, TEMPORARY SEDIMENT BASINS WILL BE USED TO INTERCEPT SEDIMENT BEFORE ENTERING THE ONSITE DRAINAGE SYSTEM. THIS IS IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH BY FEDERAL, STATE AND LOCAL REGULATIONS.</p> <p>CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS</p> <p>IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS RELATED TO STORM WATER MANAGEMENT AND EROSION AND TURBIDITY CONTROLS, THE FOLLOWING PERMITS HAVE BEEN OBTAINED.</p> <p>SWMD PERMIT # _____</p> <p>NPDES PERMIT # _____</p> <p>POLLUTION PREVENTION PLAN CERTIFICATION</p> <p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION. THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>		<p>3. BRUSH BARRIER WITH FILTER FABRIC: BRUSH BARRIER MAY BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WHERE ENOUGH RESIDUE MATERIAL IS AVAILABLE ON SITE.</p> <p>4. LEVEL SPREADER: A LEVEL SPREADER MAY BE USED WHERE SEDIMENT-FREE STORM RUNOFF IS INTERCEPTED AND DIVERTED AWAY FROM THE GRADED AREAS ONTO UNDISTURBED STABILIZED AREAS. THIS PRACTICE APPLIES ONLY IN THOSE SITUATIONS WHERE THE SPREADER CAN BE CONSTRUCTED ON UNDISTURBED SOIL AND THE AREA BELOW THE LEVEL UP IS STABILIZED. THE WATER SHOULD NOT BE ALLOWED TO RECONCENTRATE AFTER RELEASE.</p> <p>5. STOCKPILING MATERIAL: NO EXCAVATED MATERIAL SHALL BE STOCKPILED IN SUCH A MANNER AS TO DIRECT RUNOFF DIRECTLY OFF THE PROJECT SITE INTO ANY ADJACENT WATER BODY OR STORMWATER COLLECTION FACILITY.</p> <p>6. EXPOSED AREA LIMITATION: THE SURFACE AREA OF OPEN, RAW ERODIBLE SOIL EXPOSED BY CLEARING AND GRUBBING OPERATIONS OR EXCAVATION AND FILLING OPERATIONS SHALL BE MINIMIZED.</p> <p>7. INLET PROTECTION: INLETS AND CATCH BASINS WHICH DISCHARGE DIRECTLY OFF-SITE SHALL BE PROTECTED FROM SEDIMENT-LOADED STORM RUNOFF UNTIL THE COMPLETION OF ALL CONSTRUCTION OPERATIONS THAT MAY CONTRIBUTE SEDIMENT TO THE INLET.</p> <p>8. DUST CONTROL: AREAS OPENED BY CONSTRUCTION OPERATIONS AND THAT ARE NOT ANTICIPATED TO BE RE-EXCAVATED OR DRESSED AND RECEIVE FINAL TREATMENT WITHIN 30 DAYS SHALL BE STABILIZED.</p> <p>9. TEMPORARY SEEDING AND MULCHING: SLOPES STEEPER THAN 6:1 THAT FALL WITHIN THE CATEGORY ESTABLISHED IN PARAGRAPH 8 ABOVE SHALL ADDITIONALLY RECEIVE MULCHING OF APPROXIMATELY 2 INCHES LOOSE MEASURE OF MULCH MATERIAL CUT INTO THE SOIL OF THE SEEDED AREA ADEQUATE TO PREVENT MOVEMENT OF SEED AND MULCH.</p> <p>10. TEMPORARY GRASSING: THE SEEDING OF SEEDS AND MULCHED AREA(S) SHALL BE ROLLED AND WATERED OR HYDROMULCHED OR OTHER SUITABLE METHODS IF REQUIRED TO ASSURE OPTIMUM GROWING CONDITIONS FOR THE ESTABLISHMENT OF A GOOD GRASS COVER. TEMPORARY GRASSING SHALL BE THE SAME MIX & AMOUNT REQUIRED FOR PERMANENT GRASSING IN THE CONSTRUCTION SPECIFICATIONS.</p> <p>11. TEMPORARY REGRASSING : IF, AFTER 14 DAYS FROM SEEDING, THE TEMPORARY GRASSING AREAS HAVE NOT ATTAINED A MINIMUM OF 75 PERCENT GOOD GRASS COVER, THE GOOD GRASS COVER, THE AREA WILL BE RENOWED AND ADDITIONAL SEED APPLIED SUFFICIENT TO ESTABLISH THE DESIRED VEGETATIVE COVER.</p> <p>12. MAINTENANCE: ALL FEATURES OF THE PROJECT DESIGNED AND CONSTRUCTED TO PREVENT EROSION AND SEDIMENT SHALL BE MAINTAINED DURING THE LIFE OF THE CONSTRUCTION SO AS TO FUNCTION AS THEY WERE ORIGINALLY DESIGNED AND CONSTRUCTED.</p> <p>13. PERMANENT EROSION CONTROL: THE EROSION CONTROL FACILITIES OF THE PROJECT SHOULD BE DESIGNED TO MINIMIZE THE IMPACT ON THE OFFSITE FACILITIES.</p> <p>14. PERMANENT SEEDING: ALL AREAS WHICH HAVE BEEN DISTURBED BY CONSTRUCTION WILL, AS A MINIMUM, BE SEEDED. THE SEEDING MIX MUST PROVIDE BOTH LONG-TERM VEGETATION AND RAPID GROWTH SEASONAL VEGETATION.</p> <p>STRUCTURAL PRACTICES (IF APPLICABLE):</p> <p>1. TEMPORARY DIVERSION DIKE: TEMPORARY DIVERSION DIKES MAY BE USED TO DIVERT RUNOFF THROUGH A SEDIMENT-TRAPPING FACILITY.</p> <p>2. TEMPORARY SEDIMENT TRAP: A SEDIMENT TRAP SHALL BE INSTALLED IN A DRAINAGE WAY AT A STORM DRAIN INLET OR AT OTHER POINTS OF DISCHARGE FROM A DRAINAGE OR DITCH.</p> <p>THE FOLLOWING SEDIMENT TRAPS MAY BE CONSTRUCTED EITHER INDEPENDENTLY OR IN CONJUNCTION WITH A TEMPORARY DIVERSION DIKE:</p> <p>A. BLOCK & GRAVEL SEDIMENT FILTER – THIS PROTECTION IS APPLICABLE WHERE HEAVY FLOWS AND/OR WHERE AN OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE.</p> <p>B. GRAVEL SEDIMENT TRAP – THIS PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED, BUT NOT WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES & UNPROTECTED AREAS.</p> <p>C. DROP INLET SEDIMENT TRAP – THIS PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (S < 5%) AND WHERE SHEET OR OVERLAND FLOWS (Q < 0.5 CFS) ARE TYPICAL. THIS METHOD SHALL NOT APPLY TO METERS INCLUDING CONCENTRATED FLOWS SUCH AS IN STREET OR HIGHWAY MEDIANS.</p> <p>3. OUTLET PROTECTION: APPLICABLE TO THE OUTLETS OF ALL PIPES AND PAVED CHANNEL SECTIONS WHERE THE FLOW COULD CAUSE EROSION & SEDIMENT PROBLEM TO THE RECEIVING WATER BODY. SILT FENCES & SEDIMENT BALES ARE TO BE INSTALLED IMMEDIATELY DOWNSTREAM OF THE DISCHARGING STRUCTURE AS SHOWN ON THE OUTLET PROTECTION DETAIL.</p> <p>4. SEDIMENT BASIN: WILL BE CONSTRUCTED AT THE COMMON DRAINAGE LOCATIONS, THE PROPOSED STORMWATER PONDS (OR TEMPORARY PONDS) WILL BE CONSTRUCTED FOR USE AS SEDIMENT BASINS. THESE SEDIMENT BASINS MUST PROVIDE A MINIMUM OF 67 CUBIC YARDS OF STORAGE PER ACRE DRAINED UNTIL FINAL STABILIZATION OF THE SITE. THE VOLUME OF THE BASIN AT CLEAN OUT SHALL BE 22 CUBIC YARDS PER ACRE.</p> <p>THE 67 CUBIC YARDS OF STORAGE AREA PER ACRE DRAINED DOES NOT APPLY TO FLOWS FROM OFFSITE AREAS AND FLOWS FROM ONSITE AREAS THAT ARE EITHER UNDISTURBED OR HAVE UNDERGONE FINAL STABILIZATION WHERE SUCH FLOWS ARE DIVERTED AROUND BOTH THE DISTURBED AREA AND THE SEDIMENT BASIN. ANY TEMPORARY SEDIMENT BASINS CONSTRUCTED MUST BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS FOR STRUCTURAL FILL. ALL SEDIMENT COLLECTED IN PERMANENT OR TEMPORARY SEDIMENT TRAPS MUST BE REMOVED UPON FINAL STABILIZATION.</p> <p>OTHER CONTROLS</p> <p>WASTE DISPOSAL (IF APPLICABLE):</p> <p>WASTE MATERIALS</p> <p>ALL WASTE MATERIALS EXCEPT LAND CLEARING DEBRIS SHALL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT REGULATIONS. THE DUMPSTER WILL BE EMPTIED AS NEEDED AND THE TRASH WILL BE HAULED TO A STATE APPROVED LANDFILL. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE STORAGE WILLS BE POSTED AT THE CONSTRUCTION SITE BY THE CONSTRUCTION SUPERINTENDENT. THE INDIVIDUAL WHO MANAGES THE DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.</p> <p>HAZARDOUS WASTE</p> <p>ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER. SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES AND THE SITE SUPERINTENDENT, THE INDIVIDUAL WHO MANAGES DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.</p> <p>SANITARY WASTE</p> <p>ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS AS NEEDED TO PREVENT POSSIBLE SPILLAGE. WASTE WILL BE COLLECTED AND DEPOSED OF IN ACCORDANCE WITH STATE AND LOCAL WASTE DISPOSAL REGULATIONS FOR SANITARY SEWER OR SEPTIC SYSTEMS.</p> <p>OFFSITE VEHICLE TRACKING</p> <p>A STABILIZED CONSTRUCTION ENTR</p>									

C13 STORMWATER POLLUTION PREVENTION PLAN

PROJECT: SURGICAL & CRITICAL CARE TOWER EXPANSION

INSPECTOR: _____ DATE: _____

DAYS SINCE LAST RAINFALL: _____ AMOUNT OF LAST RAINFALL _____ INCHES

CONDITION

TO BE PERFORMED BY: _____ ON OR BEFORE _____

PAGE 2 OF 4

PROJECT: SURGICAL & CRITICAL CARE TOWER EXPANSION			
STORMWATER POLLUTION PREVENTION PLAN INSPECTION AND MAINTENANCE REPORT FORM			
SEDIMENT BASIN			
DEPTH OF SEDIMENT IN BASIN	DEPTH OF SEDIMENT SIDE BASIN	ANY EVIDENCE OF OVERTOPPING OF THE EMBANKMENT ?	CONDITION OF OUTFALL FROM SEDIMENT BASIN
MAINTENANCE REQUIRED FOR SEDIMENT BASIN: _____ _____ _____ _____ TO BE PERFORMED BY: _____ ON OR BEFORE: _____			
OTHER CONTROLS			
STABILIZED CONSTRUCTION ENTRANCE			
DOES MUCH GRAVEL OR SEDIMENT TRACKED ON TO ROAD ?	IS THE GRAVEL CURB OR IT FILLED WITH SEDIMENT?	DOES ALL TRAFFIC USE THE STABILIZED ENTRANCE TO LEAVE THE SITE ?	IS THE GULCHERT BENEATH THE ENTRANCE WORKING? (IF APPLICABLE)
MAINTENANCE REQUIRED FOR STABILIZED CONSTRUCTION ENTRANCE: _____ _____ _____ _____ TO BE PERFORMED BY: _____ ON OR BEFORE: _____			

PAGE 3 OF 4

C14 STORMWATER POLLUTION PREVENTION PLAN CONTRACTOR FORMS



TRUE NORTH PROJECT NORTH

REVISION

SHEET NO.