

NCH

Healthcare System

NAPLES COMMUNITY HOSPITAL NCH HEART VASCULAR & STROKE INSTITUTE EXPANSION

LOCATED WITHIN SECTION 9, TOWNSHIP 50 SOUTH, RANGE 25 EAST
COLLIER COUNTY, FLORIDA

OWNER:

NAPLES COMMUNITY HOSPITAL, INC.
350 7th STREET NORTH
NAPLES, FLORIDA 34102
(239) 263-5100

AGENT:

HOLE MONTES, INC.
950 ENCORE WAY
NAPLES, FLORIDA 34110
(239) 254-2000

PROPERTY DESCRIPTION:

ALL OF LOTS 1 THROUGH 22, TIER 7, BLOCK 23. ALL OF LOTS 1 THROUGH 22, TIER 8, BLOCK 24. ALL OF LOTS 1 THROUGH 24, TIER 8, BLOCK 23. ALL OF LOTS 1 THROUGH 24, TIER 8, BLOCK 24. PLAN OF NAPLES, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 1, PAGE 8 OF THE PUBLIC RECORDS OF COLLIER COUNTY, FLORIDA TOGETHER WITH ALL VACATED EAST-WEST & NORTH-SOUTH ALLEYS & THAT VACATED PORTION OF 3RD AVE N LYING BETWEEN 6TH ST & 8TH ST & THAT VACATED PORTION OF 7TH ST LYING BETWEEN SECOND AVE N & FOURTH AVE N

FOLIO NUMBER:

14038880000

ZONING SUMMARY:

SITE: M (PRESENT), PS-PUBLIC SERVICE DISTRICT (PROPOSED)
NORTH: R.O.W.
EAST: R.O.W.
SOUTH: R.O.W.
WEST: R.O.W.

BUILDING TYPES:
PROPOSED HEART INSTITUTE: TYPE IA
PROPOSED PARKING GARAGE: TYPE IIA

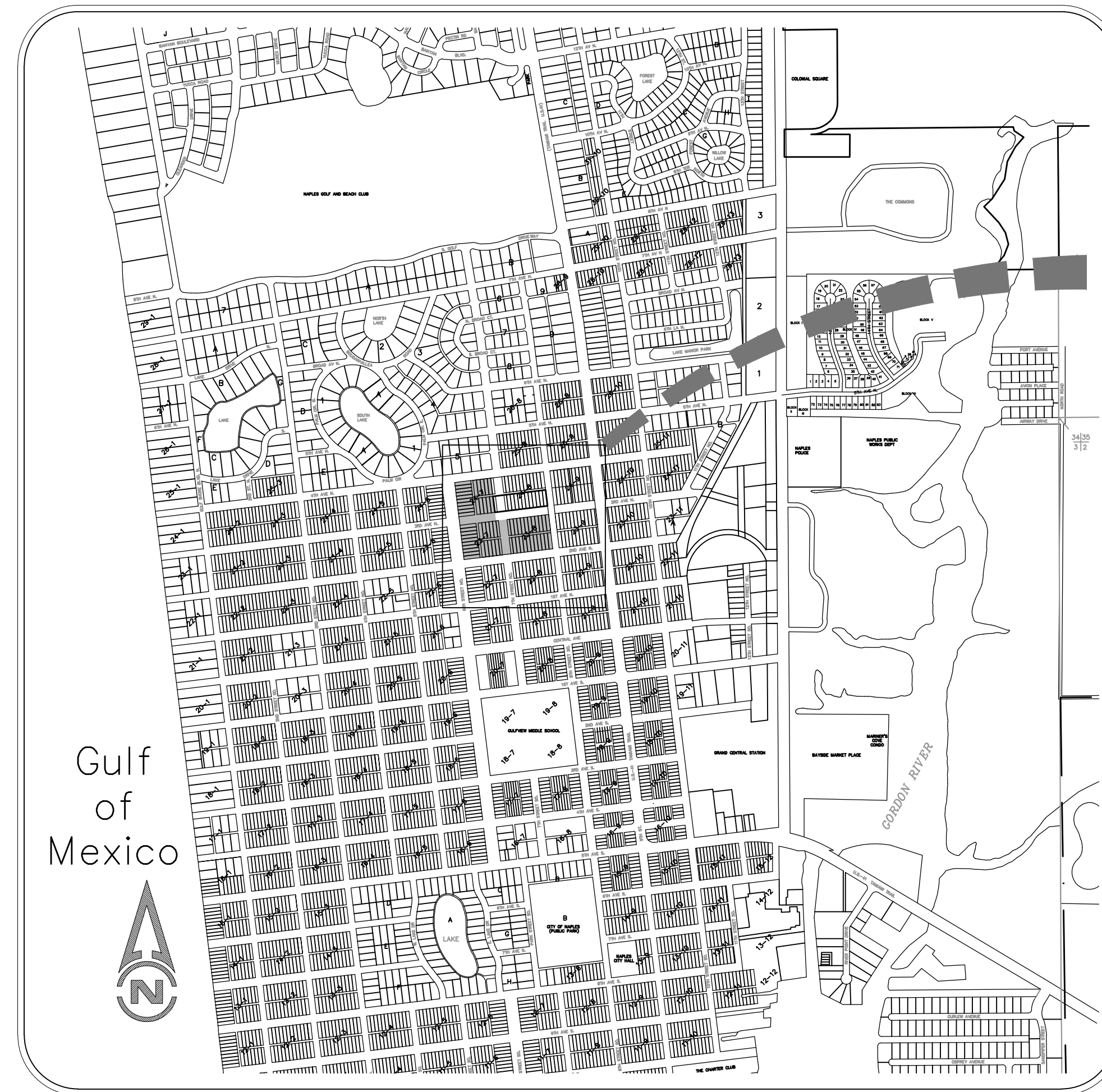
DEVELOPMENT STANDARDS: (BASED ON PROPOSED REZONE TO PUBLIC SERVICES DISTRICT)

	REQUIRED	PROVIDED
FRONT YARD (4TH AVE. NORTH)	20'	22.5'
FRONT YARD (6TH ST. NORTH)	20'	40.0'
FRONT YARD (2ND AVE. NORTH)	20'	28.5' Δ
SIDE YARD (8TH ST. NORTH)	10'	20.5' Δ
REAR YARD	25' Δ	N/A
FLOOR AREA (MIN.)	1,000 S.F.	463,365 S.F.
BUILDING HEIGHT:		
EXISTING HOSPITAL (TOP OF ROOF)	75.3'	75.3'
EXISTING HOSPITAL (TOP OF MECHANICAL PENTHOUSE)	92.7'	92.7'
PROPOSED HEART INSTITUTE (TOP OF ROOF)	73'	73'
PROPOSED HEART INSTITUTE (TOP OF MECHANICAL EQUIPMENT)	87'	87'
PROPOSED PARKING GARAGE (TOP OF SCREEN)	40'	40'
MINIMUM LOT AREA	30,000 S.F. Δ	597,600 S.F.
MINIMUM LOT WIDTH	150'	720'
MAXIMUM LOT COVERAGE	45.0%	43.0%

* THE STARTING POINT FOR BUILDING HEIGHT IS CALCULATED AS FOLLOWS:
FEMA ELEV. 8.00 NAVD +2' = ELEV. 10.00 NAVD

PARKING SUMMARY

HOSPITAL = 1.5 SPACES PER BED (391 BEDS) (UNCHANGED)	587
EXISTING CLINIC = 3 SPACES/1000 SF X 157,639 SF	473
NEW HEART INSTITUTE 3RD FLOOR CLINIC 1 SPACE/175 SF X 37393 SF	214
RETAIL = 1 SPACE / 300SF (15,000 SF)	50
TOTAL PARKING REQUIRED	1324
TOTAL PARKING PROVIDED (EXISTING AND PROPOSED)	1970
TOTAL PARKING REQUIRED	1324
PARKING SURPLUS	646
HANDICAPPED PARKING REQUIRED = 20 + 1 / 100 OVER 1,000 = 20 (970 / 100 = 9.7, SAY 10 = 30, 50 HANDICAPPED SPACES PROVIDED	



LOCATION MAP

SCALE: 1" = 1000'



VICINITY MAP

SCALE: 1" = 400'

SHEET INDEX

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WEST BASIN

STORMWATER MANAGEMENT SUMMARY	
CONTROL ELEVATION (ft)	2.23 NAVD
FEMA ELEVATION (ft)	8.00' NAVD
MINIMUM ROAD CROWN ELEVATION (ft)	6.60
MINIMUM BUILDING ELEVATION (ft)	8.77
MINIMUM PERIMETER BERM ELEVATION (ft)	6.60

EAST BASIN

STORMWATER MANAGEMENT SUMMARY	
CONTROL ELEVATION (ft)	1.73' NAVD
FEMA ELEVATION (ft)	8.00' NAVD
MINIMUM ROAD CROWN ELEVATION (ft)	5.53
MINIMUM BUILDING ELEVATION (ft)	8.77
MINIMUM PERIMETER BERM ELEVATION (ft)	4.73

LAND USE SUMMARY

EAST BASIN:			WEST BASIN:		
	AREA AC±	PERCENT		AREA AC±	PERCENT
LAKE	1.26	16.36%	PAVEMENT/SIDEWALK	2.23	41.30%
PAVEMENT/SIDEWALK	1.38	17.92%	BUILDINGS	1.75	32.40%
BUILDINGS	3.88	50.39%	OPEN SPACE	1.42	26.30%
OPEN SPACE	1.18	15.33%	TOTAL	5.40	100.00%
TOTAL	7.70	100.00%			

PREPARED BY :



Professional Registration No.1772
Naples - Fort Myers - Venice - Englewood

REVISED: AUGUST, 2023
DATE : MAY, 2023

△			THESE DRAWINGS ARE NOT APPROVED FOR CONSTRUCTION UNLESS SIGNED BELOW:	REFERENCE NO.	DRAWING NO.
△				5032CS01	5032-1
△				PROJECT NO.	SHEET NO.
△	REVISED PER CITY COMMENTS	8/23		2023017	1 OF 23
△	LETTER	REVISIONS	DATE		

ENGINEER: W. TERRY COLE, P.E. LICENSE No. 42347

This item has been digitally signed and sealed by W. Terry Cole, PE on 08/22/2023 using a Digital Signature.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

LEGEND:

- ⊙ SANITARY MANHOLE
- SANITARY SEWER CLEAN OUT
- JUNCTION BOX
- CATCH BASIN
- ▭ MITERED END SECTION
- ⬆ FIRE HYDRANT ASSEMBLY
- ⬆ AUTOMATIC FLUSHING DEVICE
- ⬆ GATE VALVE & VALVE BOX
- ⬆ AIR RELEASE VALVE
- ⬆ BACTERIAL SAMPLE VALVE
- ⬆ BLOW-OFF
- ⊕(XX.XX) PROPOSED ELEVATION
- ⊕ EXISTING ELEVATION
- DIRECTION OF FLOW
- ▭ REDUCER
- ⌒ 45 DEGREE BEND (MJ)
- ⌒ 22 1/2 DEGREE BEND (MJ)
- ⊕ TEE
- ⊕ CROSS
- ⬆ PLUG
- ⬆ SIGN SYMBOL (R1-1) w/ STOP BAR
- ⬆ SIGN SYMBOL
- ⬆ BLUE REFLECTIVE MARKER
- ★ LIGHT POLE

ABBREVIATIONS:

- | | |
|----------------------------------|---------------------------------------|
| A.R.V. AIR RELEASE VALVE | ME MITERED END SECTION |
| B.S.V. BACTERIAL SAMPLE VALVE | MJ MECHANICAL JOINT |
| CB BASELINE | MIN. MINIMUM |
| CB CATCH BASIN | P.U.E. PUBLIC UTILITY EASEMENT |
| C.O. SANITARY SEWER CLEAN OUT | PBSP PERMANENT BACTERIAL SAMPLE POINT |
| C.U.E. CITY UTILITY EASEMENT | P.O.C. POINT OF CONNECTION |
| EXIST. EXISTING | P.V. PLUG VALVE |
| F.H. FIRE HYDRANT | P.U.E. PUBLIC UTILITY EASEMENT |
| F.M. FORCE MAIN | P.V.C. POLYVINYL CHLORIDE PIPE |
| G.V. GATE VALVE | R.C.P. REINFORCED CONCRETE PIPE |
| HW HEAD WALL | RJ RESTRAINED JOINT |
| I.E. INVERT ELEVATION | R.O.W. RIGHT-OF-WAY |
| IRR. IRRIGATION | SAN. SANITARY |
| JB JUNCTION BOX | TEMP. TEMPORARY |
| L.B.E. LANDSCAPE BUFFER EASEMENT | TBSP TEMPORARY BACTERIAL SAMPLE POINT |
| L.F. LINEAL FEET | W.M. WATER MAIN |
| L.M.E. LAKE MAINTENANCE EASEMENT | Y.D. YARD DRAIN |
| MAX. MAXIMUM | ℙ PROPERTY LINE |

GENERAL NOTES:

- ALL CONSTRUCTION SHALL BE CARRIED OUT IN CONFORMANCE WITH HOLE MONTES, INC. SPECIFICATIONS, WHICH, BY REFERENCE ARE MADE PART OF THESE CONSTRUCTION DOCUMENTS. HOLE MONTES, INC. SPECIFICATIONS ARE APPROVED BY COLLIER COUNTY AND ARE ON FILE AT THE COLLIER COUNTY DEVELOPMENT SERVICES DIVISIONS AT 2800 NORTH HORSESHOE DRIVE, NAPLES, FLORIDA. ADDITIONAL COPIES ARE AVAILABLE FROM HOLE MONTES, INC. UPON REQUEST.
- ALL ELEVATIONS REFER TO N.A.S.D. OF 1988 DATUM.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPLACE ANY EXISTING LANDSCAPING (I.E. SOIL, BUSHES, TREES, ETC.) AND/OR SPRINKLER PIPE, SPRINKLER HEADS, ALSO FENCING THAT MAY HAVE TO BE REMOVED DURING CONSTRUCTION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE AND VERIFY ANY EXISTING UTILITIES. THE LOCATIONS OF ALL AERIAL AND UNDERGROUND UTILITY FACILITIES ARE APPROXIMATE OR MAY NOT BE INDICATED IN THE PLANS. UNDERGROUND FACILITIES, WHETHER INDICATED OR NOT, WILL BE LOCATED AND FLAGGED BY THE UTILITY COMPANIES AT THE REQUEST OF THE CONTRACTOR. IF EXISTING CONDITIONS ARE INCONSISTENT WITH PLANS, THE CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO PROCEEDING.
- EXTREME CAUTION TO BE USED WHEN EXCAVATING, AS NUMBER AND LOCATION OF EXISTING UTILITIES HAVE BEEN NOTED BASED ON THE BEST INFORMATION AVAILABLE. NO EXCAVATION WILL BE PERMITTED IN THE AREA UNTIL ALL SUCH UNDERGROUND UTILITY FACILITIES HAVE BEEN LOCATED AND IDENTIFIED TO THE SATISFACTION OF ALL PARTIES.
- DAMAGE TO EXISTING UTILITIES AND PROPERTY DURING CONSTRUCTION SHALL BE REPAIRED AND/OR REPLACED AT THE CONTRACTOR'S EXPENSE.
- 10' HORIZONTAL SEPARATION AND 18" VERTICAL SEPARATION TO BE MAINTAINED BETWEEN WATER MAIN AND SANITARY SEWER LINES AND BETWEEN WATER MAIN AND STORM SEWER LINES. CONCRETE ENCASUREMENT WILL BE ACCEPTED AS AN ALTERNATE ONLY IF SPECIFICALLY AUTHORIZED BY ENGINEER.
- IRRIGATION LINE SIZES, LOCATION, & CASING LOCATIONS TO BE PROVIDED BY LANDSCAPE ARCHITECT.
- FIRE PROTECTION WATER SUPPLY SHALL BE INSTALLED AND IN SERVICE PRIOR TO PLACING COMBUSTIBLE BUILDING MATERIALS ON-SITE.
- FIRE HYDRANT SHALL BE MARKED IN A UNIFORM MANNER AND SHALL CONFORM TO NFPA 291.
- CLEARANCE FOR FIRE APPLIANCES SUCH AS F.D.C.'S SHALL BE A MINIMUM OF 7.5 FEET TO THE SIDES AND CLEAR TO THE STREET OR DRIVEWAY.
- NO FIRE APPLIANCE SHALL BE OBSTRUCTED VISUALLY OR FUNCTIONALLY BY VEGETATION.
- ALL CONDUITS NECESSARY FOR ELECTRICAL, CABLE TELEVISION, TELEPHONE, STREET LIGHTING, ETC., SHALL BE INSTALLED PRIOR TO STREET/PAVEMENT CONSTRUCTION.
- ALL SUB-SURFACE INSTALLATIONS FOR WATER, SEWER, DRAINAGE AND PUBLIC UTILITIES SHALL BE INSTALLED PRIOR TO COMPACTION OF SUBGRADE AND ROADWAY CONSTRUCTION.
- ALL VALVES WILL BE FIELD LOCATED IN GRASSED AREAS WHEREVER LOCATIONS MAKE CONSTRUCTION POSSIBLE.
- ALL WATER MAINS ON THIS PROJECT SHALL CONFORM TO THE FOLLOWING:
 - A) DUCTILE IRON PIPES SHALL MEET REQUIREMENTS OF AWWA C-151.
 - B) PVC PIPE 4"-12" SHALL CONFORM TO AWWA C-900 CLASS 305 (DR-14) OR CLASS 235 (DR-18) AS SPECIFIED ON THE DRAWINGS. (COLOR BLUE)
 - C) PVC PIPE 14"-36" SHALL CONFORM TO AWWA C-905. (COLOR BLUE)
 - D) PVC PIPE 3" AND LESS SHALL CONFORM TO AWWA C-905. (COLOR BLUE)
 - E) POLYETHYLENE PIPE (P.E.) SIZES 3"-3" SHALL CONFORM TO AWWA C-901. POLYETHYLENE PIPE (P.E.) SIZES 4"-63" SHALL CONFORM TO AWWA C-906.
- ALL SANITARY GRAVITY SEWER MAINS ON THIS PROJECT SHALL CONFORM TO THE FOLLOWING:
 - 1" PVC PIPE SHALL BE SCHEDULE 80 (COLOR GREEN)
 - 4" PVC PIPE SHALL BE AWWA C-900 CLASS 305 (DR-14)
- ALL BACKFLOW PREVENTER ASSEMBLIES SHALL CONFORM TO AWWA M-14 STANDARDS. BACKFLOW PREVENTION ASSEMBLIES TO BE ON FIRE PROTECTION LINES OR IRRIGATION LINES.
- ALL BACKFLOW CONTROL VALVES SHALL BE ELECTRONICALLY MONITORED BY TAMPERING DEVICE CONNECTED TO THE BUILDING FIRE CONTROL SYSTEM. THE DEVICES AND MONITORING EQUIPMENT SHALL BE INSTALLED BY THE FIRE CONTROL EQUIPMENT CONTRACTOR. SITE UTILITIES CONTRACTOR TO COORDINATE INSTALLATION OF CONDUIT FOR ELECTRICAL WIRING AS REQUIRED.
- PIPE JOINT DEFLECTIONS SHALL NOT EXCEED ONE HALF OF THE MANUFACTURER'S SPECIFICATIONS. FITTINGS SHALL BE USED WHERE DEFLECTION EXCEEDS ALLOWABLE PIPE JOINT DEFLECTION.
- FOR DIRECT BORING, POLYETHYLENE PIPE FITTINGS SHALL BE ACCORDANCE WITH AWWA C-906-90. P.E. PIPE
- THE CONTRACTOR SHALL CONSTRUCT ALL PAVEMENTS TO CONFORM WITH THE CORRECT CROSS SECTIONS, LINES, AND FINISHED GRADES AS INDICATED ON THE PLANS. DO NOT ALLOW WATER TO POND IN EXCAVATION AREAS OR NEXT TO BUILDING FOUNDATION WALLS. GRADE SHALL GRADUALLY TAPER OVER SPOT ELEVATIONS IN GENTLE SWEEPING CURVES. NO SHARP BREAK IN PLANE OF PAVING ALLOWED.
- THE CLEARANCE FOR FIRE HYDRANTS SHALL BE A MINIMUM OF 7.5 FEET TO THE SIDES, FOUR (4) FEET TO THE REAR AND CLEAR TO THE STREET OR DRIVEWAY.
- THE CONTRACTOR SHALL CONSTRUCT ALL PAVEMENTS TO CONFORM WITH THE CORRECT CROSS SECTIONS, LINES, AND FINISHED GRADES AS INDICATED ON THE PLANS. DO NOT ALLOW WATER TO POND IN EXCAVATION AREAS OR NEXT TO BUILDING FOUNDATION WALLS. GRADE SHALL GRADUALLY TAPER OVER SPOT ELEVATIONS IN GENTLE SWEEPING CURVES. NO SHARP BREAKS IN PLANE OF PAVEMENT ALLOWED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AS REQUIRED FOR CONSTRUCTION NOT ALREADY OBTAINED BY THE OWNER. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE PERMITS AND CONTRACT SPECIFICATIONS.
- ALL BURIED WATER/WASTEWATER PIPELINES AND MAINS, EXCEPT THOSE INSTALLED BY HORIZONTAL DIRECTIONAL DRILLING OR JACK-AND-BORE METHODS, SHALL BE MARKED USING PLASTIC LOCATOR METALIZED WARNING TAPE IMPREGNATED WITH METALLIC FILINGS FOR HOPE AND NON-MAGNETIC FOR DUCTILE IRON PIPE. THE LOCATOR TAPE SHALL BE PLACED IN THE PIPE TRENCH TWO FEET (2') BELOW GRADE OR ONE-HALF THE PIPE'S BURY, WHICHEVER IS LESS, AND LABELED "POTABLE WATER" OR "WASTEWATER FORCE MAIN" AS APPLICABLE. HORIZONTAL DIRECTIONAL DRILLING SHALL INCLUDE INSTALLATION OF LOCATING TONE WIRE AS DESCRIBED IN THE TECHNICAL SPECIFICATIONS.
- ALL PROPERTY LINE MARKERS (IRON PINS, CONCRETE MONUMENTS, ETC.) DESTROYED DURING CONSTRUCTION SHALL BE REPLACED IN-KIND BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL EMPLOY A LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA TO RESET PROPERTY MARKERS.
- CONTRACTOR SHALL COORDINATE WITH NAPLES COMMUNITY HOSPITAL TO SCHEDULE TEMPORARY SHUT DOWN OF SEWER SYSTEMS. TEMPORARY SHUTDOWN MAY BE REQUIRED AT NIGHT, ON WEEKEND OR SUCH TIME AS TO MINIMIZE IMPACT OF THE SEWER INTERRUPTION ON UTILITY CUSTOMERS.
- A SEPARATE PERMIT IS REQUIRED PRIOR TO INSTALLATION OF ANY FIRE LINE.
- INSTALLATION OF ALL UNDERGROUND FIRE LINES SHALL COMPLY WITH THE 2013 EDITION OF NFPA 24.
- UNDERGROUND FIRE LINES SHALL BE INSTALLED BY AN APPROPRIATELY CERTIFIED FIRE SPRINKLER CONTRACTOR OR A TYPE V UNDERGROUND CONTRACTOR AS DEFINED AND OUTLINED IN 633.021, 633.521, AND 633.539 F.S.
- ALL COSTS AND EXPENSES OF ANY AND ALL REPAIRS, REPLACEMENTS, MAINTENANCE AND RESTORATIONS OF ABOVE GROUND IMPROVEMENTS PERMITTED WITHIN A CUE SHALL BE THE SOLE FINANCIAL RESPONSIBILITY OF THE GRANTOR, ITS SUCCESSORS OR ASSIGNS.

- EXOTIC VEGETATION, AS DEFINED BY THE CITY OF NAPLES LAND DEVELOPMENT CODE, SHALL BE REMOVED FROM THE SITE AND SUBSEQUENT ANNUAL EXOTIC REMOVAL (IN PERPETUITY) SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER.
- PRIOR TO LANDSCAPING ANY AREAS WITHIN THE RIGHT-OF-WAY, A LANDSCAPING PLAN AND RIGHT-OF-WAY PERMIT SHALL BE SUBMITTED FOR REVIEW AND APPROVAL BY THE CITY. (NOTE: LANDSCAPING WORK TO BE FURNISHED BY OTHERS.)
- THE PROPERTY OWNER IS RESPONSIBLE FOR REPLACEMENT OF ALL DEAD LANDSCAPE MATERIAL AND FOR MAINTENANCE OF THE REQUIRED IRRIGATION SYSTEM. THE REVIEW AND APPROVAL OF IMPROVEMENT PLANS DOES NOT AUTHORIZE THE CONSTRUCTION OF REQUIRED IMPROVEMENTS WHICH ARE INCONSISTENT WITH EXISTING EASEMENTS OF RECORD.
- ALL ON SITE COMMON AREAS, OPEN SPACES, STORMWATER MANAGEMENT FACILITIES (STORM DRAINS, SWALES AND PERIMETER BERM), DRIVEWAYS, PARKING AREAS, WATER MAINS, IRRIGATION LINES AND SANITARY SEWER LINES SHALL BE OWNED AND MAINTAINED BY THE DEVELOPER/OWNER. ALL WATER FACILITIES WITHIN C.U.E.'S SHALL BE OWNED AND MAINTAINED BY CITY OF NAPLES UTILITIES.
- THE CONTRACTOR SHALL MAINTAIN 30" MINIMUM COVER OVER SANITARY SEWER. THE WATER MAIN SHALL HAVE 36" MINIMUM COVER.
- ALL PROPERTY LINE MARKERS (IRON PINS, CONCRETE MONUMENTS, ETC.) DESTROYED DURING CONSTRUCTION SHALL BE REPLACED IN-KIND BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL EMPLOY A LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA TO RESET PROPERTY MARKERS.
- CONTRACTOR SHALL CLEAN ALL PIPELINES BY FLUSHING PRIOR TO TESTING. IN ADDITION, WATER MAINS 12" AND LARGER SHALL BE MECHANICALLY CLEANED BEFORE PRESSURE TESTING AND BACTERIAL SAMPLING. ALL LINE CLEANING SHALL BE COORDINATED WITH THE OWNER/ENGINEER 48 HOURS PRIOR TO THE SCHEDULED FLUSHING.
- THE CONTRACTOR SHALL PROVIDE A FORTY-EIGHT (48) HOUR NOTICE PRIOR TO THE REQUESTED INSPECTION TO CITY OF NAPLES OR APPLICABLE UTILITY COMPANY FOR THE FOLLOWING INSPECTIONS AS REQUIRED:
 - A) HOT TAPS TO WATER AND SEWER FACILITIES
 - B) MASTER METER AND BYPASS PIPING
 - C) JACK AND BORE CASINGS
 - D) PRESSURE TESTS
 - E) INFILTRATION/EXFILTRATION TESTS
 - F) LIFT STATION INSTALLATION, PRIOR TO COVER-UP AND START-UP
 - G) LIFT STATION START-UP
 - H) LAMPING OF SEWER LINES
 - I) FLUSHING OF SEWER LINES, FORCE MAINS, WATER MAINS AND EFFLUENT LINES
 - J) TELEVISION VIDEO TAPING OF SEWER LINES AT END OF CONSTRUCTION AND THE WARRANTY PERIOD ('IN OFFICE REVIEW)
 - K) FIRE HYDRANT THRUST BLOCKS
 - L) CONFLICT BOX CONSTRUCTION
 - M) CONNECTIONS TO EXISTING WATER AND SEWER FACILITIES
 - N) CASING INSTALLATIONS
 - O) OTHER SPECIAL REQUIREMENTS AS SPECIFIED BY THE CITY OR APPLICABLE UTILITY COMPANY AT THE TIME OF CONSTRUCTION DOCUMENT APPROVAL.
- NPDES PERMIT: THIS PROJECT IS SUBJECT TO THE REQUIREMENTS AND RESTRICTIONS IMPOSED BY THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES). THE CONTRACTOR IS REQUIRED AT ALL TIMES TO EXECUTE THIS OPERATIONS TO CONFORM WITH SAID PERMIT. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY EROSION CONTROL DEVICES INCLUDING, BUT NOT LIMITED TO, SILT FENCES, TURBIDITY CONTROL DEVICES, AND SEDIMENT CONTROL BASINS UNTIL DISTURBED AREAS ARE APPROPRIATELY COVERED OR LANDSCAPED.



H:\2023\2023017\DW\CONSTRUCTION\SDPA\5023AP01.dwg Tab: Aerial Aug. 22, 2023 - 10:29am Plotted by: Corraetorabowski

LETTER	REVISIONS	DATE



**NAPLES COMMUNITY HOSPITAL
NCH HEART VASCULAR &
STROKE INSTITUTE EXPANSION**

DESIGNED BY W.T.C.	DATE 5/23
DRAWN BY G.J.G.	DATE 5/23
CHECKED BY W.T.C.	DATE 5/23
VERTICAL SCALE N/A	HORIZONTAL SCALE 1" = 60'

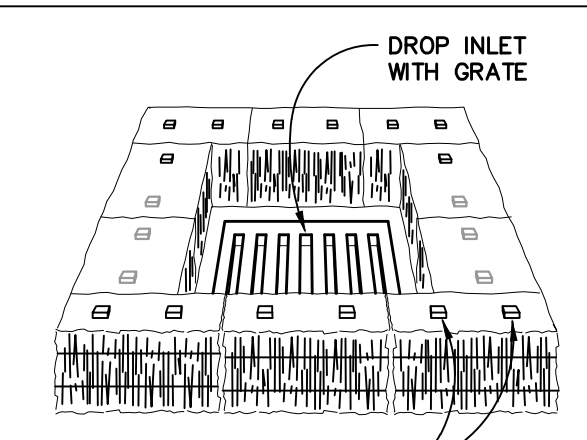


950 Encore Way
Naples, FL 34110
Phone: (239) 254-2000
Florida Certificate of
Authorization No.1772

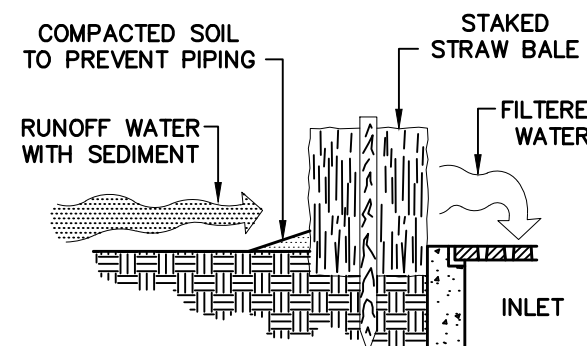
AERIAL PHOTOGRAPH and GENERAL NOTES

ENGINEER: W. TERRY COLE, P.E. LICENSE No. 42347		
REFERENCE NO.	DRAWING NO.	
5023AP01	5023-2	
PROJECT NO.	SHEET NO.	
2023.017	2 OF 23	
DATE		

THESE DRAWINGS ARE NOT APPROVED FOR CONSTRUCTION UNLESS SIGNED BELOW:



STRAW BALES STAKED WITH 2 STAKES PER BALE

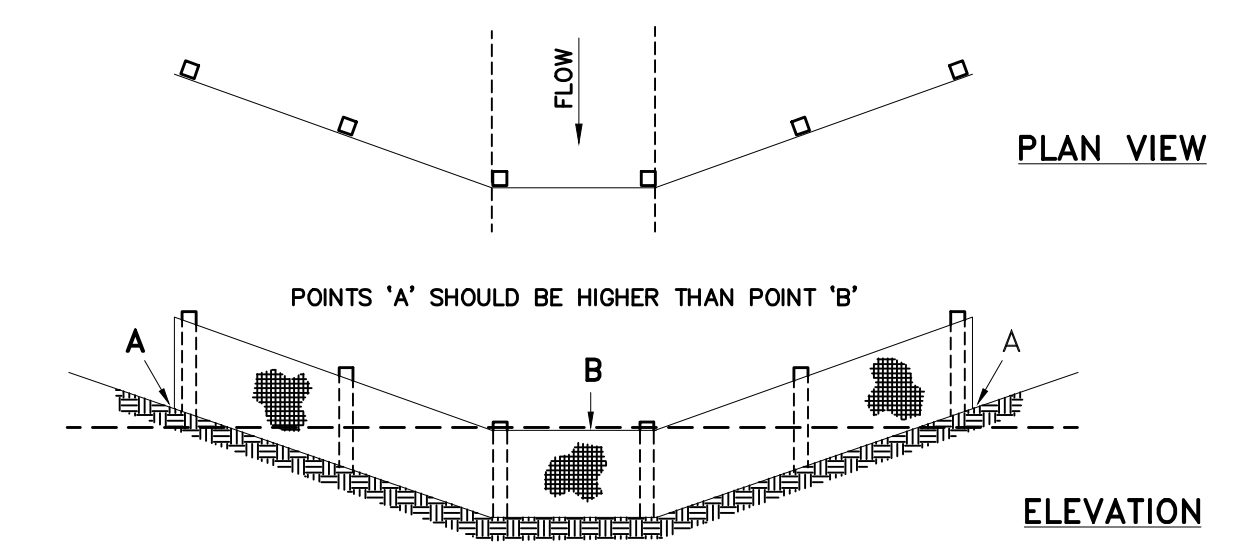
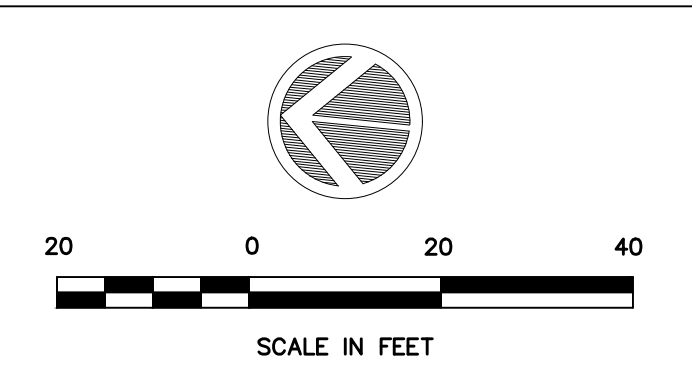


SPECIFIC APPLICATION
THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPES NO GREATER THAN 5 PERCENT) WHERE SHEET OR OVERLAND FLOWS (NOT EXCEEDING 0.5 cfs) ARE TYPICAL. THIS METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.

STRAW BALE DROP INLET SEDIMENT FILTER
N.T.S.

LEGEND:

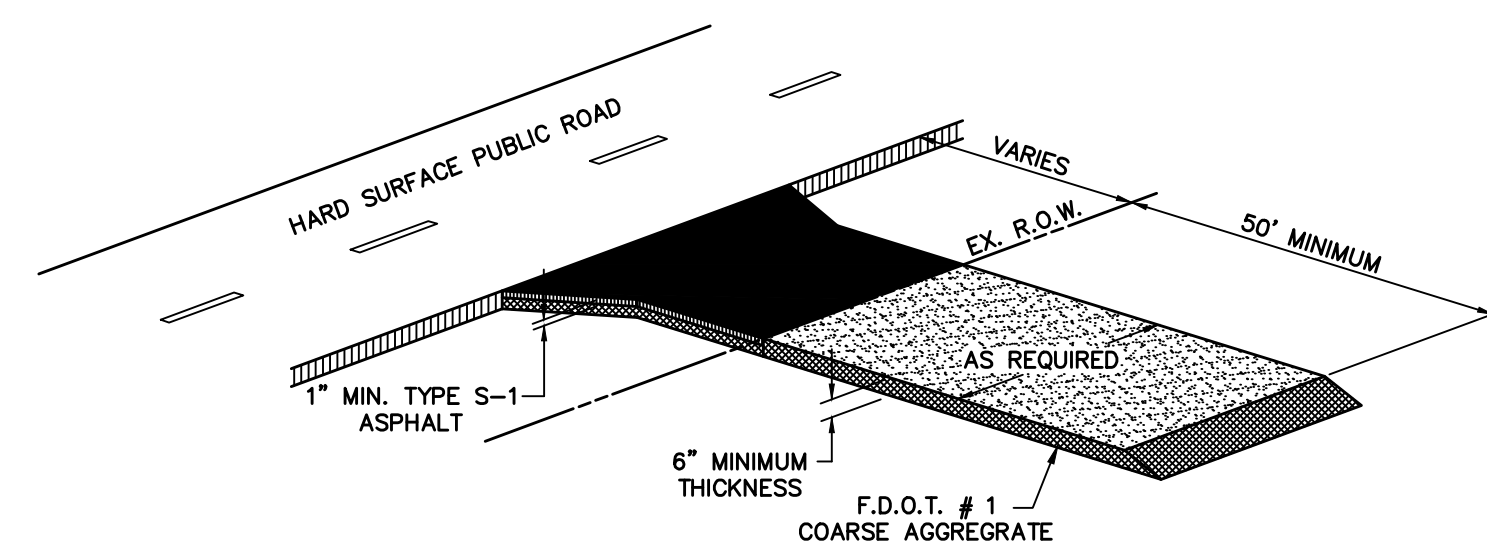
- PAVEMENT REMOVAL
- SIDEWALKS REMOVAL
- PROPOSED BUILDING
- SILT FENCE
- TURBIDITY BARRIER



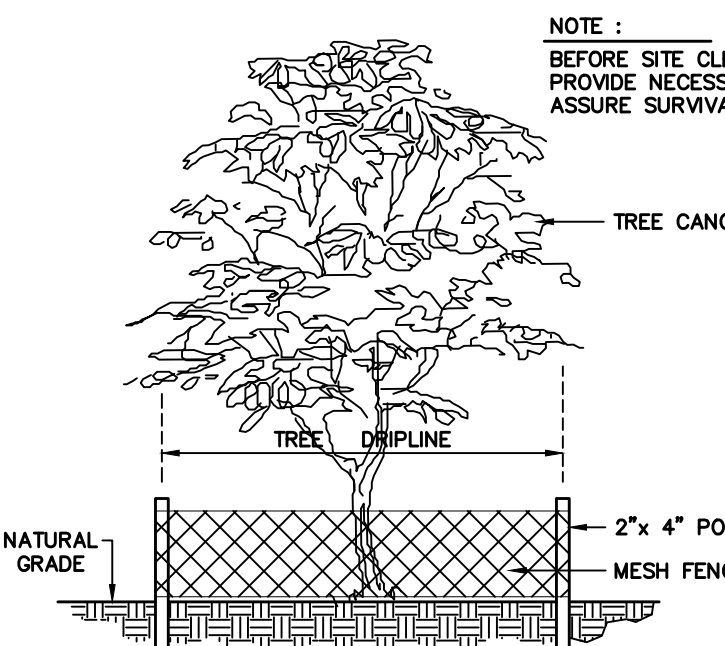
PROPER PLACEMENT OF FILTER BARRIER IN DRAINAGE WAY
N.T.S.

FLAG NOTES:

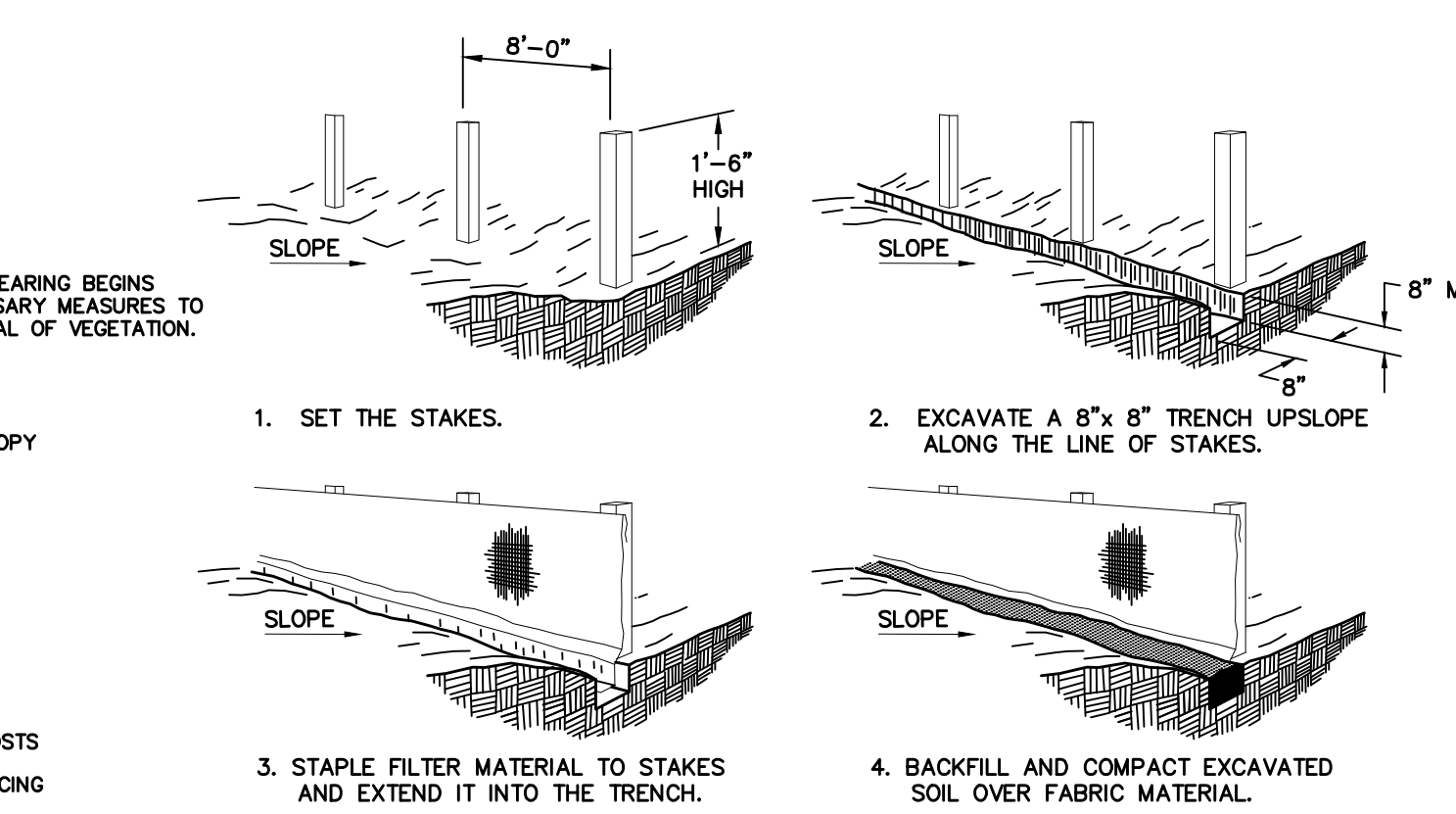
- 1 For removal of the existing 6" asbestos cement water main, turn valve off on connection with ex. 12" cast iron water main on north side of 4th Ave. N., remove existing water main within the NCH property where it lies within the proposed Parking Garage building footprint (and also remove 10' beyond the footprint). Follow all local, State and Federal removal requirements. Sever the line at the north property line and install a plug. Where the line will remain within the NCH property limits, pump existing line full of grout. Removal of line shall not occur until the proposed fire hydrant on the north side of the Parking Garage is operational. Connect the proposed 12" water main along the north side of 2nd Ave. N. to the existing 6" asbestos cement water main.
- 2 EXISTING STORM DRAIN TO REMAIN



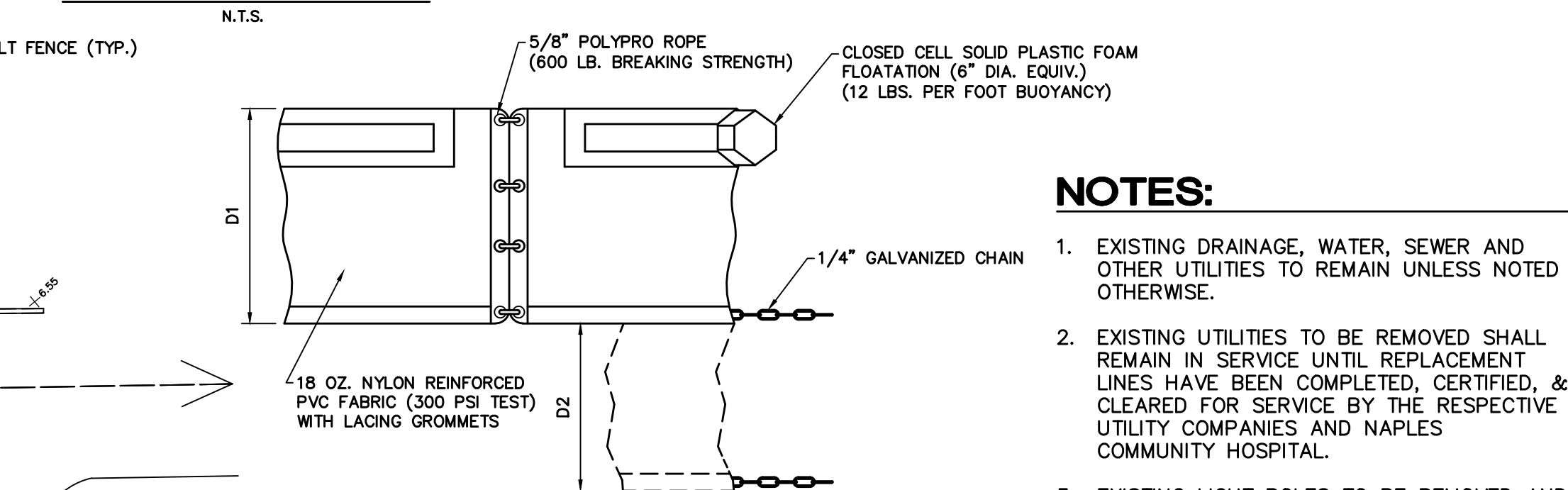
CONSTRUCTION ENTRANCE DETAIL
N.T.S.



TREE FENCING DETAIL
N.T.S.



CONSTRUCTION OF A FILTER BARRIER
N.T.S.



FLOATING TURBIDITY BARRIERS
N.T.S.

NOTES:

1. EXISTING DRAINAGE, WATER, SEWER AND OTHER UTILITIES TO REMAIN UNLESS NOTED OTHERWISE.
2. EXISTING UTILITIES TO BE REMOVED SHALL REMAIN IN SERVICE UNTIL REPLACEMENT LINES HAVE BEEN COMPLETED, CERTIFIED, & CLEARED FOR SERVICE BY THE RESPECTIVE UTILITY COMPANIES AND NAPLES COMMUNITY HOSPITAL.
3. EXISTING LIGHT POLES TO BE REMOVED AND REPLACED PER LIGHTING PLAN.
4. REFER TO LANDSCAPE PLANS FOR TREES/VEGETATION REMOVAL PLAN.
5. ADJUST EXISTING RIMS AND GRATES TO MATCH FINISHED GRADE.

H:\2023\202307\DW CONSTRUCTION\SDPA\5032EX01.dwg Tab: Existing and dems Site Aug 22, 2023 - 2:33pm Plotted by: CorraetGratowski

REVISIONS PER CITY COMMENTS	8/2023
LETTER	REVISIONS

NCH
NAPLES COMMUNITY HOSPITAL
NCH HEART VASCULAR & STROKE INSTITUTE EXPANSION
Healthcare System

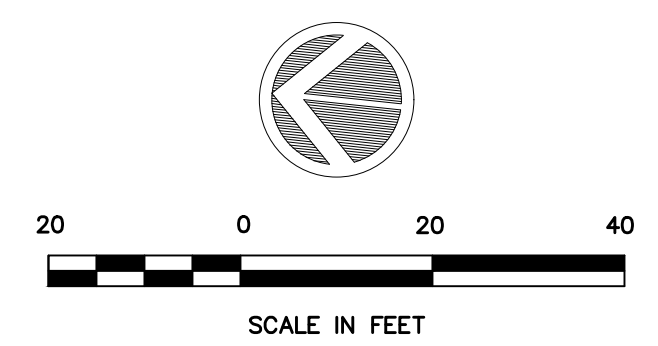
DESIGNED BY	W.T.C.	DATE	5/23
DRAWN BY	G.J.G.	DATE	5/23
CHECKED BY	W.T.C.	DATE	5/23
VERTICAL SCALE	N/A	HORIZONTAL SCALE	1" = 40'

HM
HOLE MONTES
ENGINEERS-PLANNERS-SURVEYORS

950 Encore Way
Naples, FL. 34110
Phone: (239) 254-2000
Florida Certificate of Authorization No.1772

SITE DEMOLITION and EROSION CONTROL PLAN

ENGINEER: W. TERRY COLE, P.E. LICENSE No. 42347	REFERENCE NO.	5032EX01	DRAWING NO.	5023-3
THESE DRAWINGS ARE NOT APPROVED FOR CONSTRUCTION UNLESS SIGNED BELOW:	PROJECT NO.	2023.017	SHEET NO.	3 OF 23
DATE				



LEGEND:

- PROPOSED BUILDING
- EXISTING ELECTRICAL LINE
- EXISTING TELEPHONE LINE
- EXISTING CHILLED WATER LINE
- UNKNOWN UTILITY LINE
- EXISTING UTILITY LINE TO BE REMOVED

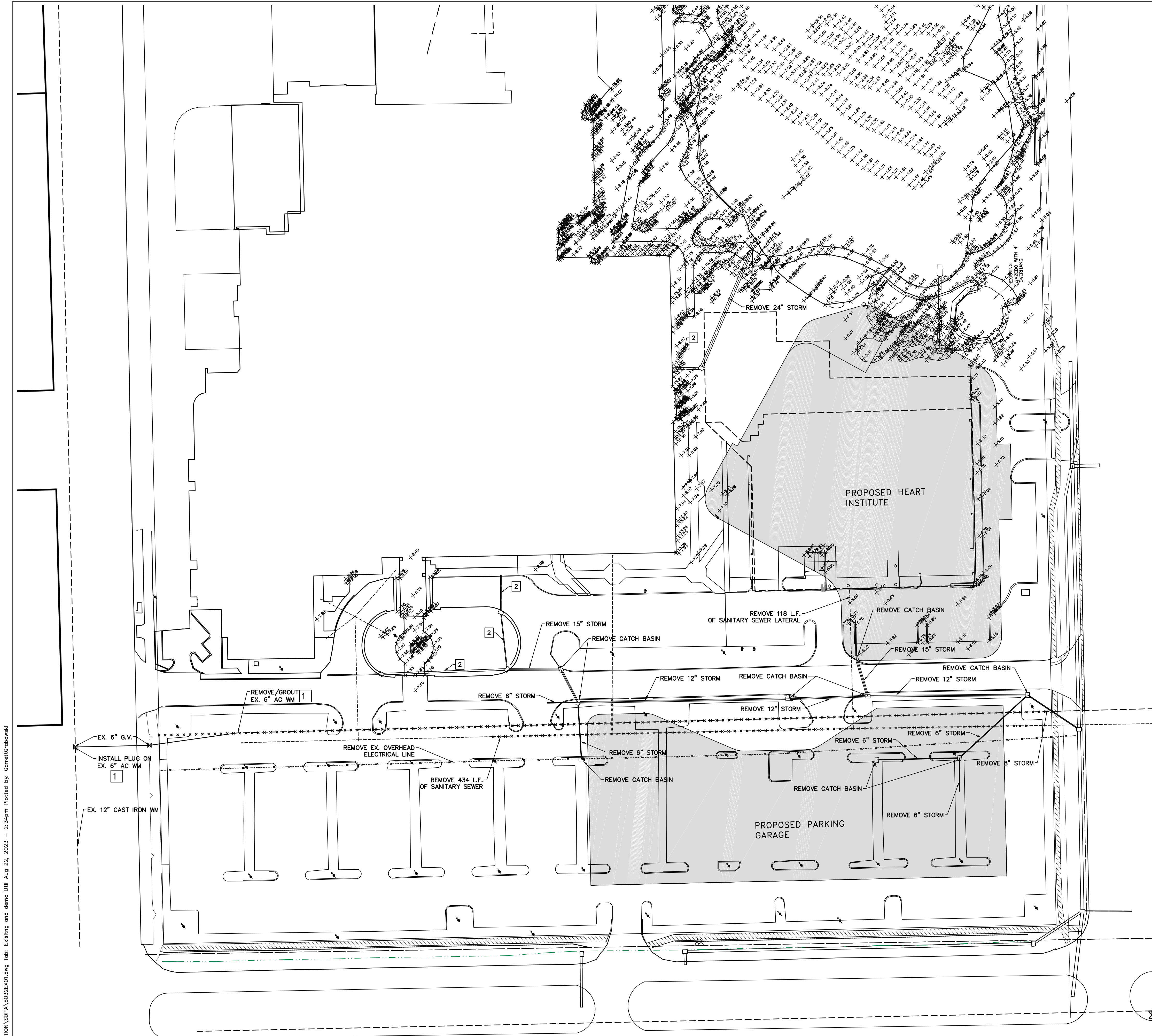
NOTES:

1. EXISTING DRAINAGE, WATER, SEWER AND OTHER UTILITIES TO REMAIN UNLESS NOTED OTHERWISE.
2. EXISTING UTILITIES TO BE REMOVED SHALL REMAIN IN SERVICE UNTIL REPLACEMENT LINES HAVE BEEN COMPLETED, CERTIFIED, & CLEARED FOR SERVICE BY THE RESPECTIVE UTILITY COMPANIES AND NAPLES COMMUNITY HOSPITAL.
3. EXISTING LIGHT POLES TO BE REMOVED AND REPLACED PER LIGHTING PLAN.
4. REFER TO LANDSCAPE PLANS FOR TREES/VEGETATION REMOVAL PLAN.
5. ADJUST EXISTING RIMS AND GRATES TO MATCH FINISHED GRADE.

FLAG NOTES:

1 For removal of the existing 6" asbestos cement water main, turn valve off on connection with ex. 12" cast iron water main on north side of 4th Ave. N., remove existing water main within the NCH property where it lies within the proposed Parking Garage building footprint (and also remove 10' beyond the footprint). Follow all local, State and Federal removal requirements. Sever the line on the north side of 4th ave. N. and install a plug. Contractor to restore pavement/valley gutter as necessary. Where the line will remain within the NCH property limits, pump existing line full of grout. Removal of line shall not occur until the proposed fire hydrant on the north side of the Parking Garage is operational. Connect the proposed 12" water main along the north side of 2nd Ave. N. to the existing 6" asbestos cement water main.

2 EXISTING STORM DRAIN TO REMAIN



H:\2023\2023017\DW CONSTRUCTION\5032EX01.dwg Tab: Existing and demo util Aug 25, 2023 - 2:54pm Plotted by: gorrictorabowski

REVISIONS PER CITY COMMENTS	8/2023
LETTER	DATE

NCH
NAPLES COMMUNITY HOSPITAL
NCH HEART VASCULAR &
STROKE INSTITUTE EXPANSION

DESIGNED BY W.T.C.	DATE 5/23
DRAWN BY G.J.G.	DATE 5/23
CHECKED BY W.T.C.	DATE 5/23
VERTICAL SCALE N/A	HORIZONTAL SCALE 1" = 40'

HM
HOLE MONTES
ENGINEERS-PLANNERS-SURVEYORS

950 Encore Way
Naples, FL. 34110
Phone: (239) 254-2000
Florida Certificate of
Authorization No.1772

UTILITY DEMOLITION PLAN

ENGINEER: W. TERRY COLE, P.E. LICENSE No. 42347	
THESE DRAWINGS ARE NOT APPROVED FOR CONSTRUCTION UNLESS SIGNED BELOW:	
REFERENCE NO.	DRAWING NO.
5032EX01	5023-4
PROJECT NO.	SHEET NO.
2023.017	4 OF 23
DATE	

H:\2023\2023017\DWG\CONSTRUCTION\SPR\5032SP01.dwg Tab: SITE UTILITY PLAN Aug 22, 2023 - 2:57pm Plotted by: GarrettGrabowski

NOT BAKER E.D. EXPANSION: IM 2000.131

PAVING GRADING & DRAINAGE SHEET 7

4TH AVE N

6th ST N

PAVING GRADING & DRAINAGE SHEET 8

PAVING GRADING & DRAINAGE SHEET 9

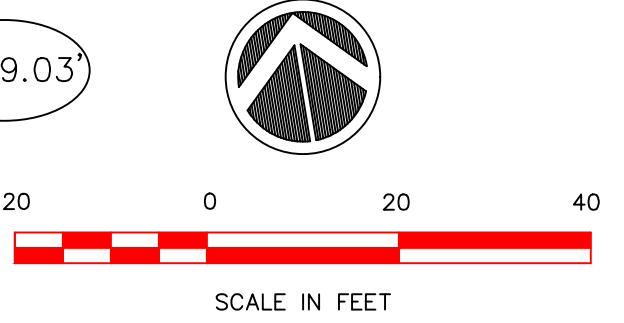
PROPOSED PARKING GARAGE

PROPOSED HEART INSTITUTE

EXISTING MAIN CAMPUS BUILDING

EXISTING LAKE

2nd AVE N



LEGEND:

- PROPOSED BUILDING
- PROPOSED ASPHALT PAVEMENT
- EXISTING PAVER BLOCKS
- PROPOSED CONCRETE SIDEWALK OR PAVER BLOCKS
- OVERHEAD CORRIDOR
- MILL AND OVERLAY

NOTES:

1. EXISTING DRAINAGE, WATER, SEWER AND OTHER UTILITIES TO REMAIN UNLESS NOTED OTHERWISE.
2. EXISTING UTILITIES TO BE REMOVED SHALL REMAIN IN SERVICE UNTIL REPLACEMENT LINES HAVE BEEN COMPLETED, CERTIFIED, & CLEARED FOR SERVICE BY THE RESPECTIVE UTILITY COMPANIES AND NAPLES COMMUNITY HOSPITAL.
3. THE PERIMETER BERM ELEVATIONS ARE SHOWN ON SHEETS 7-9 FOR THE PROPOSED PROJECT AREAS. OTHER EXISTING PERIMETER BERM SPOT ELEVATIONS ARE NOTED ON THIS SHEET AS.

SIGN LEGEND:

- EXISTING 4'X5' MONUMENT DIRECTIONAL SIGN TO REMAIN
- PROPOSED 32SF MONUMENT DIRECTIONAL SIGN

ENGINEER: W. TERRY COLE, P.E. LICENSE No. 42347

REVISIONS	DATE
PER CITY COMMENTS	8/2023
LETTER	DATE



NAPLES COMMUNITY HOSPITAL
NCH HEART VASCULAR & STROKE
INSTITUTE EXPANSION

DESIGNED BY	DATE
W.T.C.	5/23
DRAWN BY	DATE
G.J.G.	5/23
CHECKED BY	DATE
W.T.C.	5/23
VERTICAL SCALE	HORIZONTAL SCALE
N/A	1" = 40'

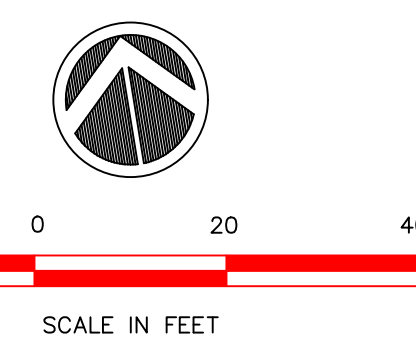
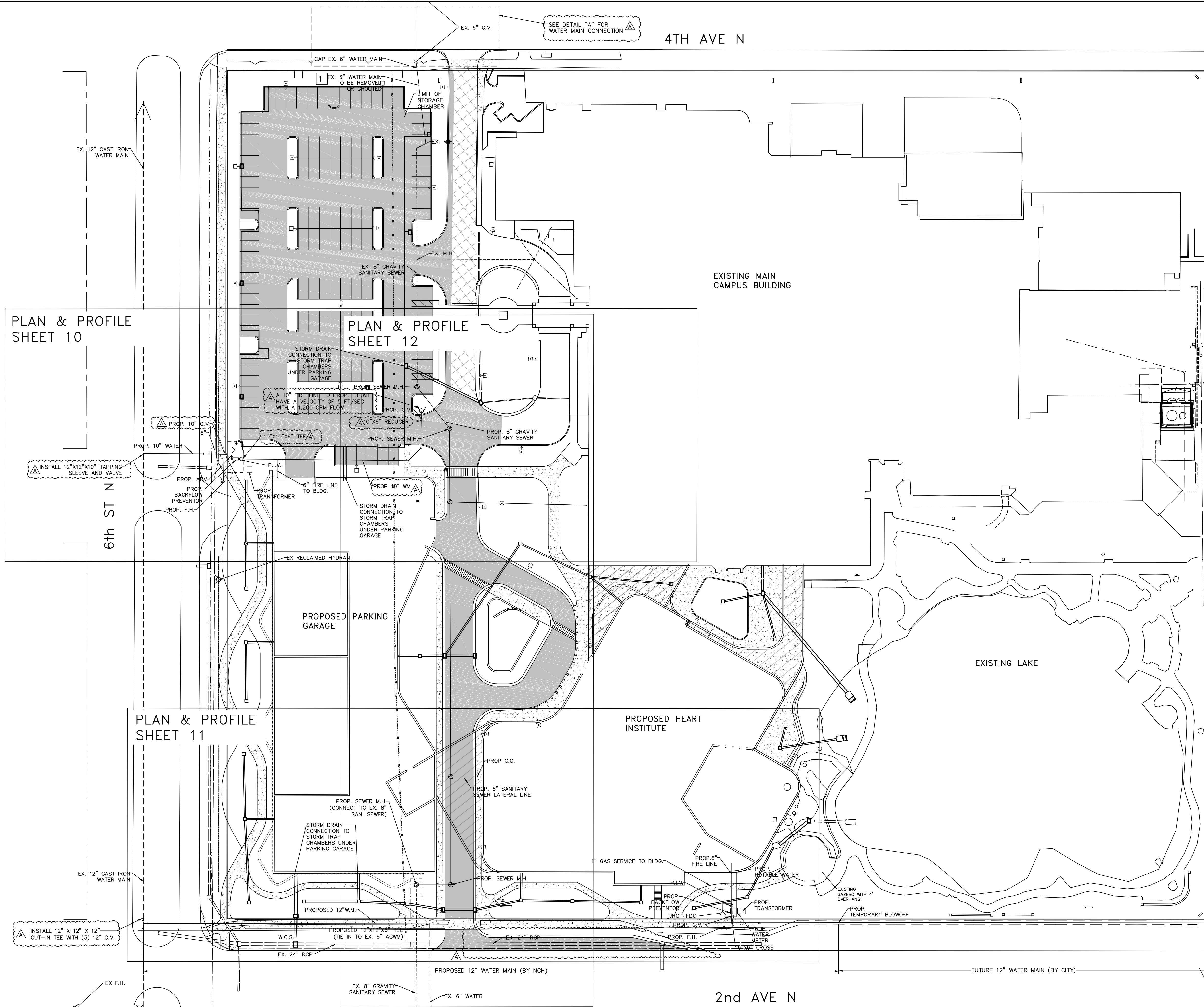


950 Encore Way
Naples, FL 34110
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Authorization No.1772

OVERALL SITE PLAN/ WALL/ FENCE & DIRECTIONAL SIGN LOCATIONS

REFERENCE NO.	DRAWING NO.
5032SP	5023-5
PROJECT NO.	SHEET NO.
2023.017	5 OF 23
DATE	

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FLAG NOTES:

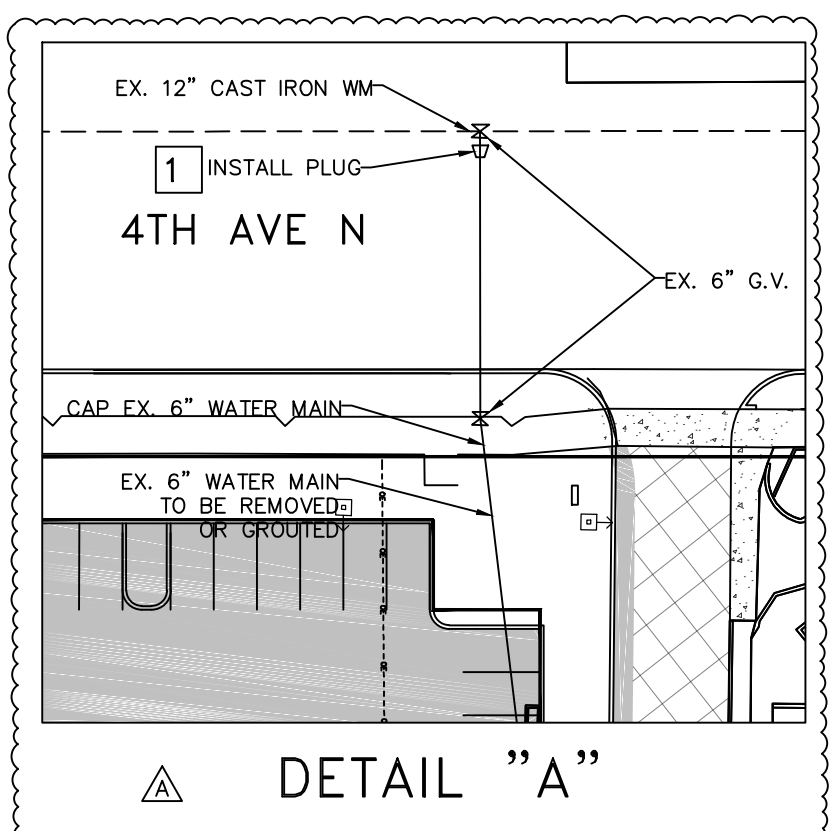
1 For removal of the existing 6" asbestos cement water main, turn valve off on connection with ex. 12" cast iron water main on north side of 4th Ave. N., remove existing water main within the NCH property where it lies within the proposed Parking Garage building footprint (and also remove 10' beyond the footprint). Follow all local, State and Federal removal requirements. Sever the line on the north side and install a plug. Contractor to restore pavement/valley gutter as necessary. Where the line will remain within the NCH property limits, pump existing line full of grout. Removal of line shall not occur until the proposed fire hydrant on the north side of the Parking Garage is operational. Connect the proposed 12" water main along the north side of 2nd Ave. N. to the existing 6" asbestos cement water main.

NOTES:

- EXISTING DRAINAGE, WATER, SEWER AND OTHER UTILITIES TO REMAIN UNLESS NOTED OTHERWISE.
- EXISTING UTILITIES TO BE REMOVED SHALL REMAIN IN SERVICE UNTIL REPLACEMENT LINES HAVE BEEN COMPLETED, CERTIFIED, & CLEARED FOR SERVICE BY THE RESPECTIVE UTILITY COMPANIES AND NAPLES COMMUNITY HOSPITAL.

LEGEND:

- PROPOSED BUILDING
- PROPOSED ASPHALT PAVEMENT
- EXISTING PAVER BLOCKS
- PROPOSED CONCRETE SIDEWALK OR PAVER BLOCKS
- OVERHEAD CORRIDOR
- MILL AND OVERLAY



ENGINEER: W. TERRY COLE, P.E. LICENSE No. 42347

LETTER	REVISIONS	DATE

NCH
Healthcare System

NAPLES COMMUNITY HOSPITAL
NCH HEART VASCULAR & STROKE
INSTITUTE EXPANSION

DESIGNED BY
W.I.C.
DATE
5/23

DRAWN BY
G.J.G.
DATE
5/23

CHECKED BY
W.I.C.
DATE
5/23

VERTICAL SCALE
N/A

HORIZONTAL SCALE
1" = 40'

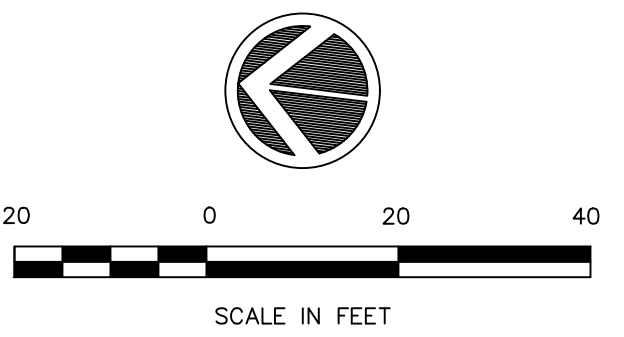
HM
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ENGINEERS-PLANNERS-SURVEYORS

950 Encore Way
Naples, FL. 34110
Phone: (239) 254-2000
Florida Certificate of
Authorization No.1772

**PROPOSED
SITE UTILITY PLAN**

DATE	REFERENCE NO.	DRAWING NO.
	5032SUP	5023-6
	PROJECT NO.	SHEET NO.
	2023.017	6 OF 23

EXISTING HOSPITAL
F.F. ELEV. = 8.77' NAVD



LEGEND:

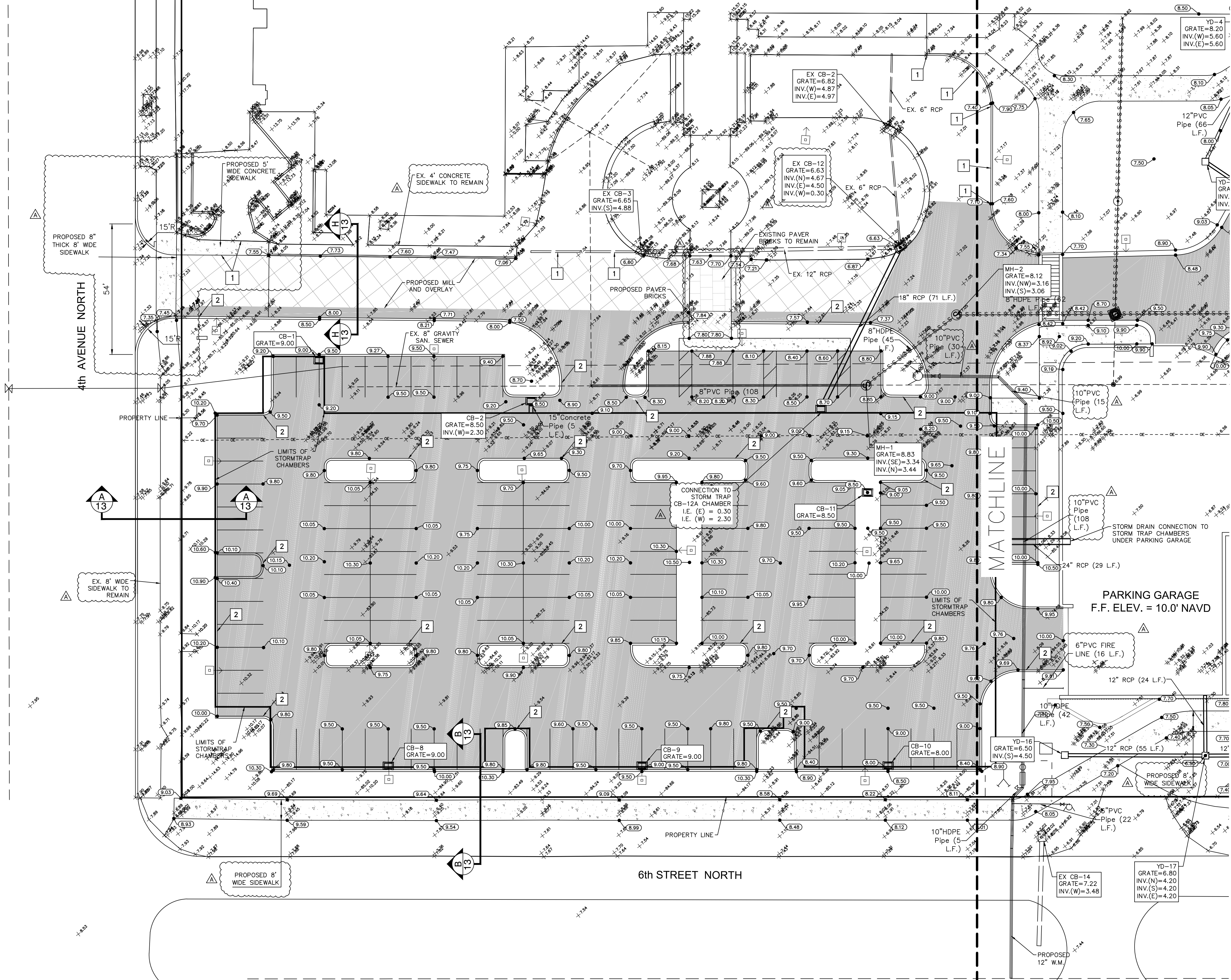
- PROPOSED BUILDING
- PROPOSED ASPHALT PAVEMENT
- EXISTING PAVER BLOCKS
- PROPOSED CONCRETE SIDEWALK OR PAVER BLOCK
- OVERHEAD CORRIDOR
- MILL AND OVERLAY
- STREET LIGHT
- PIPE INVERT CONNECTING TO STORM TRAP CHAMBER UNDER PARKING GARAGE

NOTES:

1. ALL ELEVATIONS ARE DATUM N.A.V.D. 1988.
2. THE EXISTING BUILDING LOCATION IS WITHIN ZONE AE ELEVATION 8 NAVD (SEE FEMA FLOOD MAP 1202100393H).
3. THE EXISTING DRAINAGE, WATER, SEWER AND FIRE TO REMAIN UNLESS NOTED OTHERWISE.
4. REFER TO LANDSCAPE PLANS FOR TREES/VEGETATION REMOVAL PLAN.
5. INSTALL CONTROL JOINTS 1" DEEP AT 5' SPACING ON 5' WIDE CONCRETE SIDEWALK.
6. INSTALL EXPANSION JOINTS AT 100' SPACING OR AT THE END OF EACH DAY'S CONCRETE POUR ON SIDEWALK.
7. EXPANSION MATERIAL SHALL CONSIST OF BITUMINOUS FELT MATERIAL, FULL DEPTH AT JOINT.

FLAG NOTES:

- MATCH EXISTING GRADE
- CONSTRUCT NEW TYPE 'D' CURB
- CONSTRUCT NEW 3' VALLEY GUTTER
- CONSTRUCT NEW TYPE 'F' MODIFIED CURB
- CONSTRUCT NEW TYPE 'F' MODIFIED CURB WITH PITCH-OUT



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PER CITY COMMENTS	8/2023
LETTER	REVISIONS

NCH
NAPLES COMMUNITY HOSPITAL
NCH HEART VASCULAR &
STROKE INSTITUTE EXPANSION

Healthcare System

DESIGNED BY W.I.C.	DATE 5/23
DRAWN BY S.P.C.	DATE 5/23
CHECKED BY W.I.C.	DATE 5/23
VERTICAL SCALE N/A	HORIZONTAL SCALE 1" = 20'

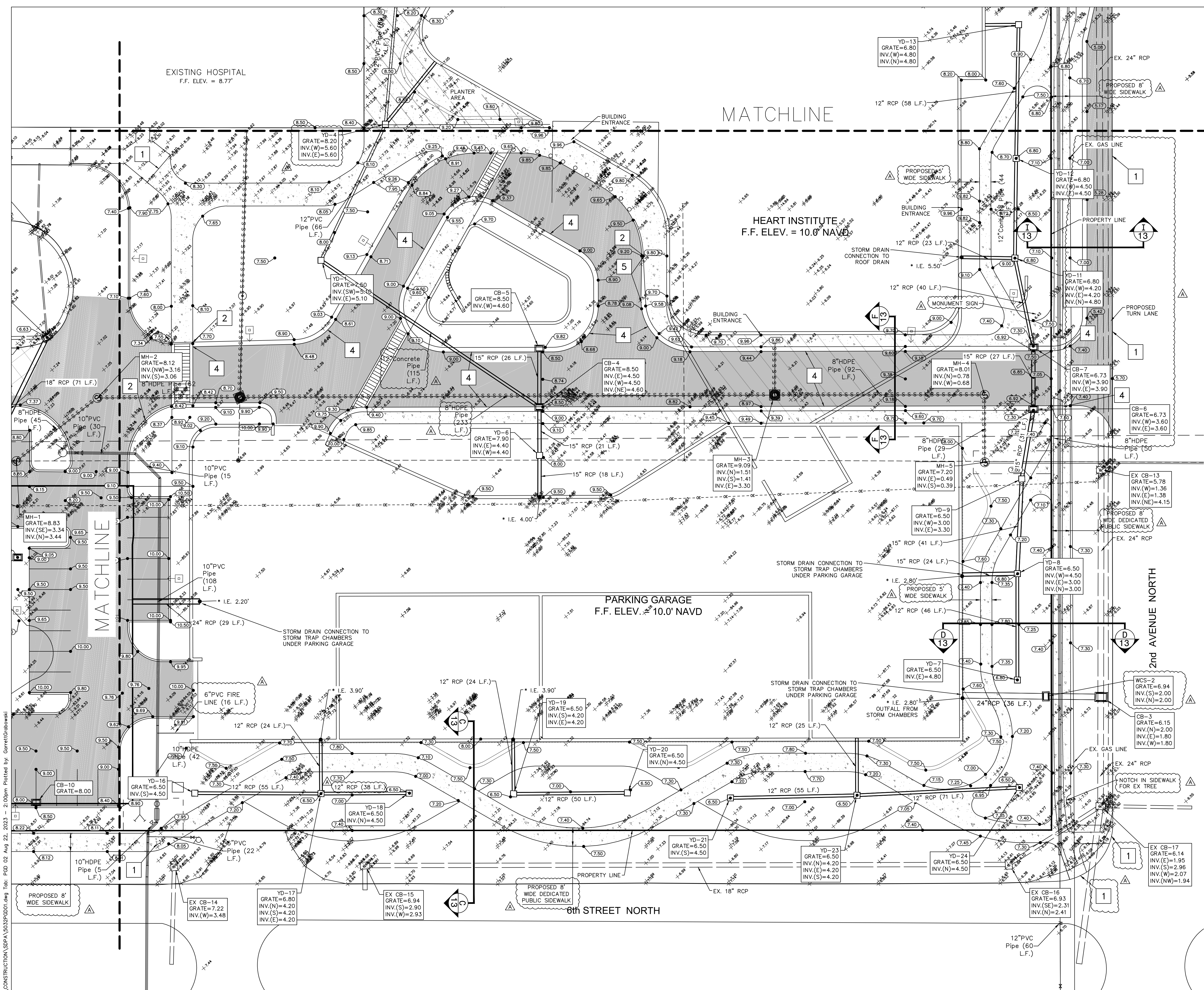
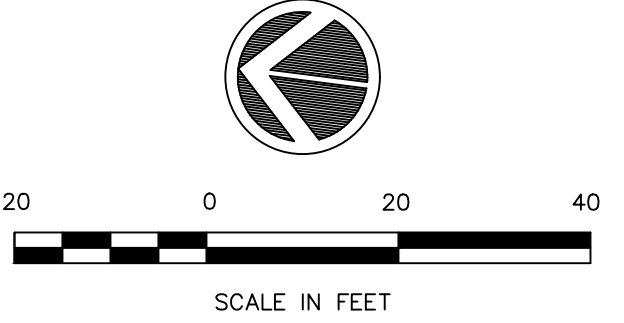
HM
HOLE MONTES
ENGINEERS PLANNERS SURVEYORS

950 Encore Way
Naples, FL. 34110
Phone: (239) 254-2000
Florida Certificate of
Authorization No.1772

**PAVING, GRADING and
DRAINAGE PLAN**

ENGINEER: W. TERRY COLE, P.E. LICENSE No. 42347

THESE DRAWINGS ARE NOT APPROVED FOR CONSTRUCTION UNLESS SIGNED BELOW:	REFERENCE NO. 5032PGD01	DRAWING NO. 5023-7
DATE	PROJECT NO. 2023.017	SHEET NO. 7 OF 23



LEGEND:

- PROPOSED BUILDING
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CONCRETE SIDEWALK OR PAVER BLOCK
- OVERHEAD CORRIDOR
- MILL AND OVERLAY
- STREET LIGHT
- PIPE INVERT CONNECTING TO STORM TRAP CHAMBER UNDER PARKING GARAGE

NOTES:

1. ALL ELEVATIONS ARE DATUM N.A.V.D. 1988.
2. THE EXISTING BUILDING LOCATION IS WITHIN ZONE AE ELEVATION 8 NAVD (SEE FEMA FLOOD MAP 12021C0393H).
3. THE EXISTING DRAINAGE, WATER, SEWER AND FIRE TO REMAIN UNLESS NOTED OTHERWISE.
4. REFER TO LANDSCAPE PLANS FOR TREES/VEGETATION REMOVAL PLAN.
5. INSTALL CONTROL JOINTS 1" DEEP AT 5' SPACING ON 5' WIDE CONCRETE SIDEWALK.
6. INSTALL EXPANSION JOINTS AT 100' SPACING OR AT THE END OF EACH DAY'S CONCRETE POUR ON SIDEWALK.
7. EXPANSION MATERIAL SHALL CONSIST OF BITUMINOUS FELT MATERIAL, FULL DEPTH AT JOINT.

FLAG NOTES:

- 1** MATCH EXISTING GRADE
- 2** CONSTRUCT NEW TYPE 'D' CURB
- 3** CONSTRUCT NEW 3' VALLEY GUTTER
- 4** CONSTRUCT NEW TYPE 'F' MODIFIED CURB
- 5** CONSTRUCT NEW TYPE 'F' MODIFIED CURB WITH PITCH-OUT

H: 2023.02.01/7/04 CONSTRUCTION/SSPA/03032PGD01.dwg Tab: P02 02 Aug 22, 2023 - 2:00pm Plotted by: Corraet@robaweb

ENGINEER: W. TERRY COLE, P.E. LICENSE No. 42347

LETTER	REVISIONS	DATE

NCH **Healthcare System**

**NAPLES COMMUNITY HOSPITAL
NCH HEART VASCULAR &
STROKE INSTITUTE EXPANSION**

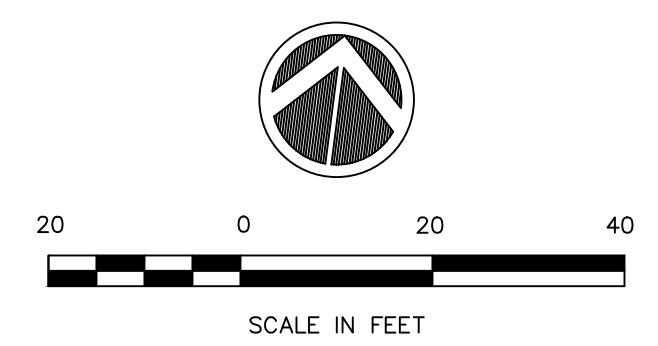
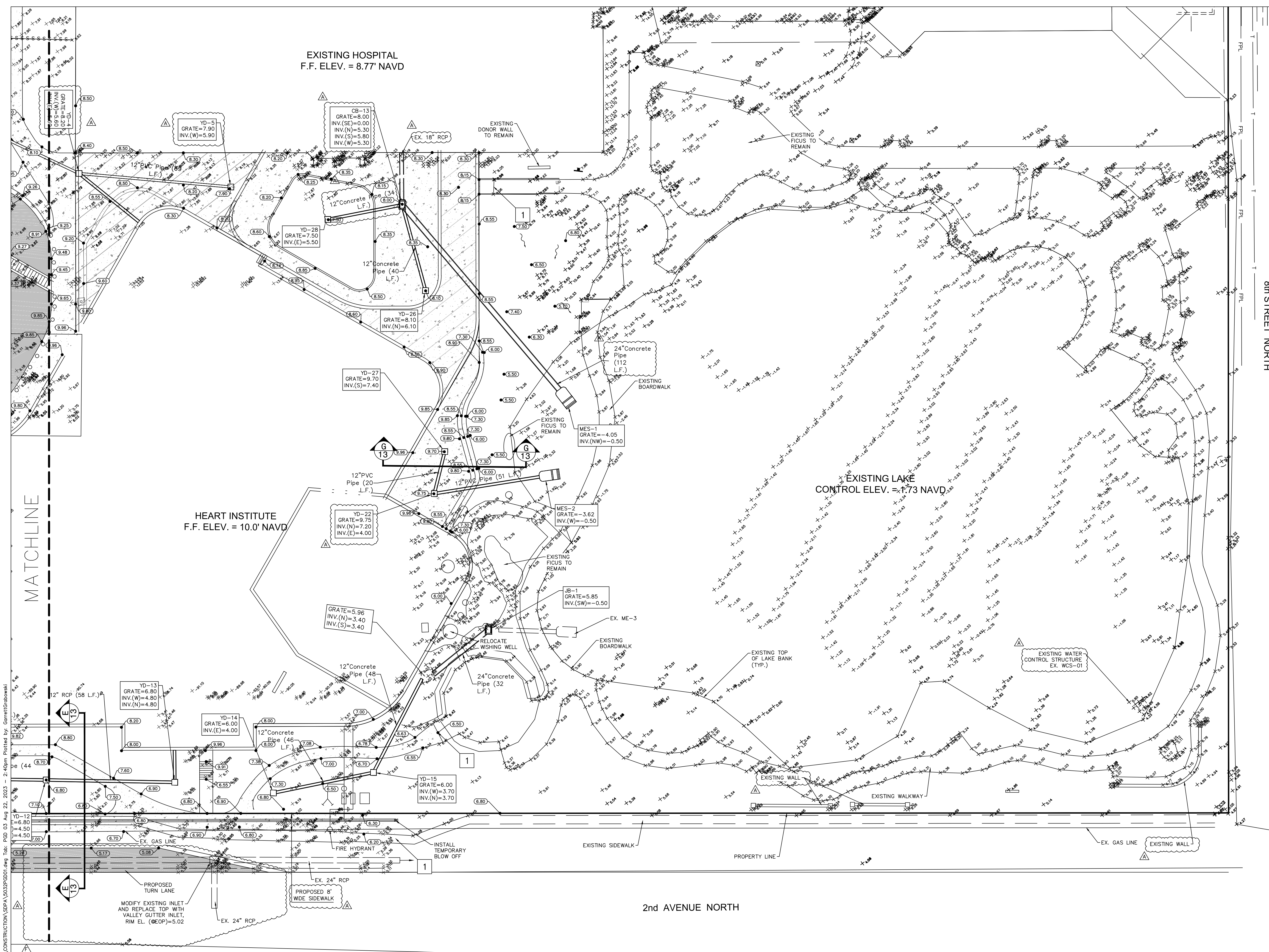
DESIGNED BY W.I.C.	DATE 5/23
DRAWN BY S.P.C.	DATE 5/23
CHECKED BY W.I.C.	DATE 5/23
VERTICAL SCALE N/A	HORIZONTAL SCALE 1" = 20'

HM
HOLE MONTES
ENGINEERS PLANNERS SURVEYORS

950 Encore Way
Naples, FL 34110
Phone: (239) 254-2000
Florida Certificate of
Authorization No.1772

PAVING, GRADING and DRAINAGE PLAN

THESE DRAWINGS ARE NOT APPROVED FOR CONSTRUCTION UNLESS SIGNED BELOW:	REFERENCE NO. 5032PGD01	DRAWING NO. 5023-8
DATE	PROJECT NO. 2023.017	SHEET NO. 8 OF 23



NOTE: EXISTING PERIMETER BERM ELEVATIONS ADJACENT TO THE LAKE ARE A MINIMUM OF ELEVATION 4.73 NAVD

8th STREET NORTH

LEGEND:

- PROPOSED BUILDING
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CONCRETE SIDEWALK OR BRICK PAVERS
- OVERHEAD CORRIDOR
- MILL AND OVERLAY
- STREET LIGHT
- PIPE INVERT CONNECTING TO STORM TRAP CHAMBER UNDER PARKING GARAGE

NOTES:

1. ALL ELEVATIONS ARE DATUM N.A.V.D. 1988.
2. THE EXISTING BUILDING LOCATION IS WITHIN ZONE AE ELEVATION 8 NAVD (SEE FEMA FLOOD MAP 12021C0393H).
3. THE EXISTING DRAINAGE, WATER, SEWER AND FIRE TO REMAIN UNLESS NOTED OTHERWISE.
4. REFER TO LANDSCAPE PLANS FOR TREES/VEGETATION REMOVAL PLAN.
5. INSTALL CONTROL JOINTS 1" DEEP AT 5' SPACING ON 5' WIDE CONCRETE SIDEWALK.
6. INSTALL EXPANSION JOINTS AT 100' SPACING OR AT THE END OF EACH DAY'S CONCRETE POUR ON SIDEWALK.
7. EXPANSION MATERIAL SHALL CONSIST OF BITUMINOUS FELT MATERIAL, FULL DEPTH AT JOINT.

FLAG NOTES:

- 1 MATCH EXISTING GRADE
- 2 CONSTRUCT NEW TYPE 'D' CURB
- 3 CONSTRUCT NEW 3' VALLEY GUTTER
- 4 CONSTRUCT NEW TYPE 'F' MODIFIED CURB
- 5 CONSTRUCT NEW TYPE 'F' MODIFIED CURB WITH PITCH-OUT

H:\2023\2023017\DW CONSTRUCTION\SSPA\5032PGD01.dwg Tab: PGD 03 Aug 22, 2023 - 2:40pm Plotted by: Corrett@robawalk

LETTER	PER CITY COMMENTS	REVISIONS	DATE

NCH Healthcare System
**NAPLES COMMUNITY HOSPITAL
 NCH HEART VASCULAR &
 STROKE INSTITUTE EXPANSION**

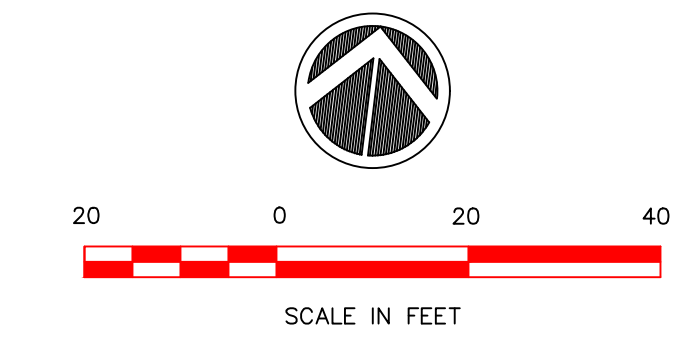
DESIGNED BY W.I.C.	DATE 5/23
DRAWN BY S.P.C.	DATE 5/23
CHECKED BY W.I.C.	DATE 5/23
VERTICAL SCALE N/A	HORIZONTAL SCALE 1" = 20'

HM
HOLE MONTES
 ENGINEERS PLANNERS SURVEYORS

950 Encore Way
 Naples, FL. 34110
 Phone: (239) 254-2000
 Florida Certificate of
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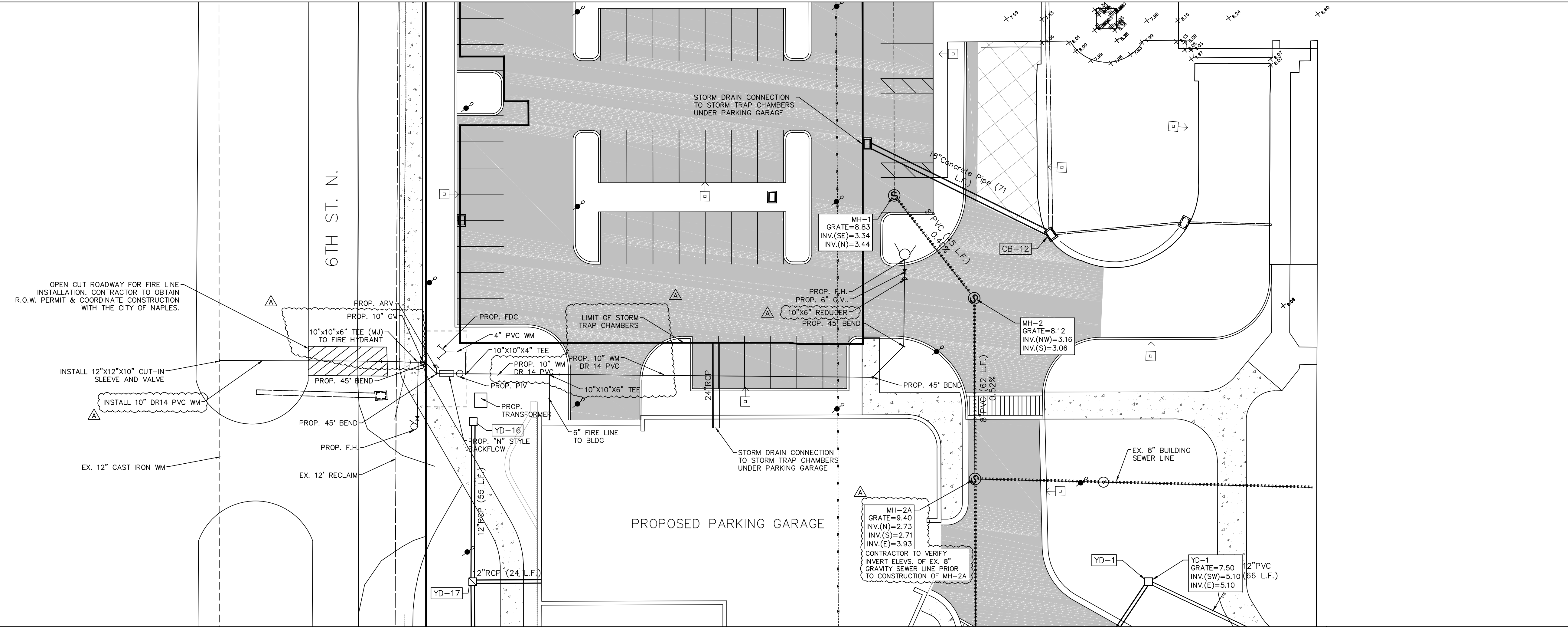
**PAVING, GRADING and
 DRAINAGE PLAN**

ENGINEER: W. TERRY COLE, P.E. LICENSE No. 42347	
REFERENCE NO. 5032PGD01	DRAWING NO. 5023-9
PROJECT NO. 2023.017	SHEET NO. 9 OF 23
DATE	



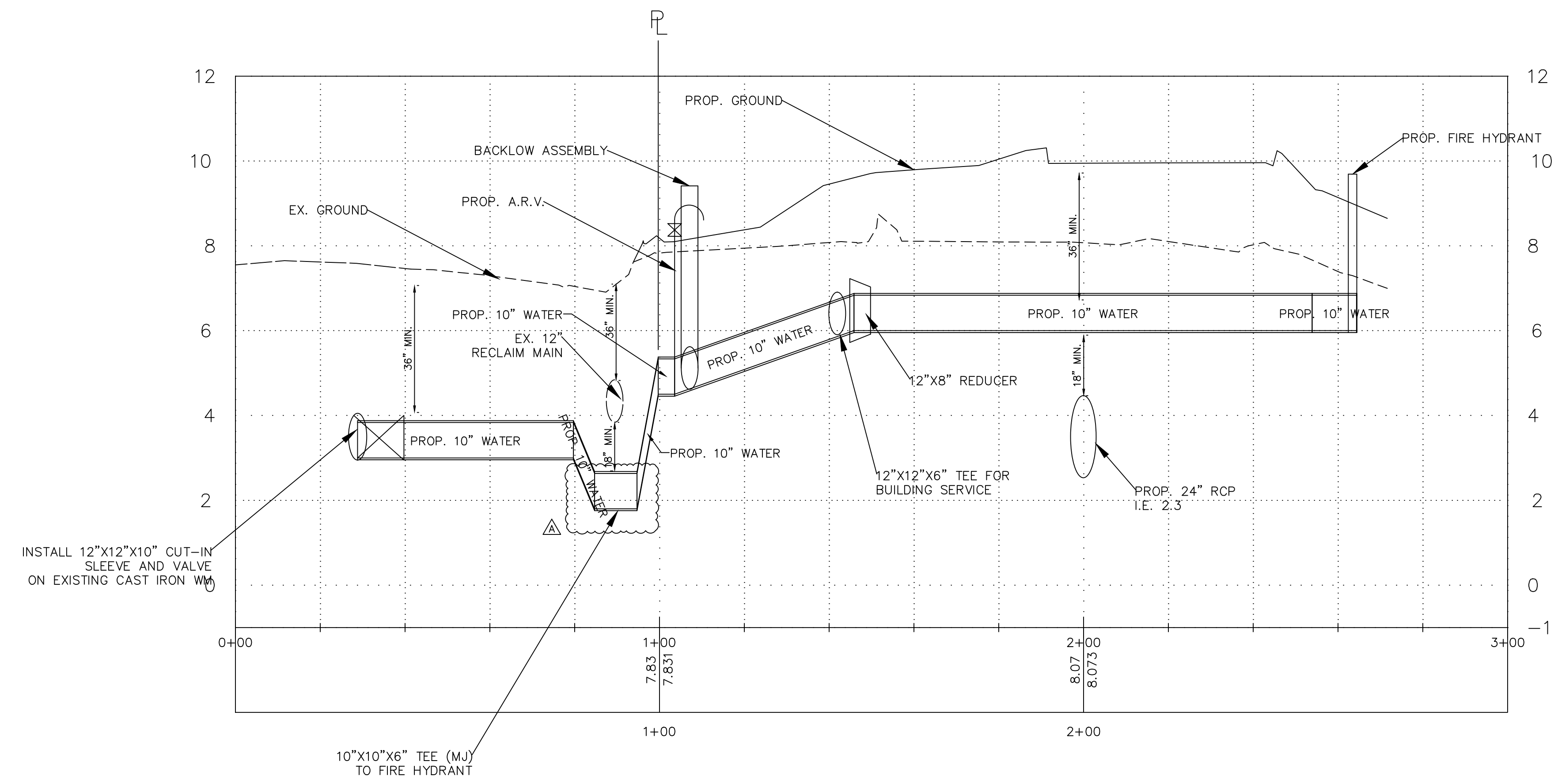
LEGEND:

- PROPOSED BUILDING
- PROPOSED ASPHALT PAVEMENT
- EXISTING PAVER BLOCKS
- PROPOSED CONCRETE SIDEWALK OR PAVER BLOCKS
- OVERHEAD CORRIDOR
- MILL AND OVERLAY
- STREET LIGHT



NOTES:

1. CONTRACTOR TO FIELD VERIFY EXISTING LOCATION AND ELEVATION OF ALL UTILITIES AND IMPROVEMENTS. IF EXISTING CONDITIONS ARE INCONSISTENT WITH PLANS, THE CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO PROCEEDING.
2. EXISTING UTILITIES (WATER, SEWER, GAS AND STORM) SERVING THE EXISTING NCH HOSPITAL TO REMAIN IN SERVICE DURING CONSTRUCTION.
3. ALL FIRE LINE AND WATER MAINS SHALL BE C305-DR14 PVC PIPE.



H:\2023\2023017\DW\CONSTRUCTION\SP1A\5032PP01.dwg Tab: Profile 1 Aug 22, 2023 - 3:02pm Plotted by: GarrettGrabowski

LETTER	REVISIONS	DATE

NCH
NAPLES COMMUNITY HOSPITAL
NCH HEART VASCULAR &
STROKE INSTITUTE EXPANSION

DESIGNED BY W.I.C.	DATE 5/23
DRAWN BY G.J.G.	DATE 5/23
CHECKED BY W.I.C.	DATE 5/23
VERTICAL SCALE N/A	HORIZONTAL SCALE 1" = 40'

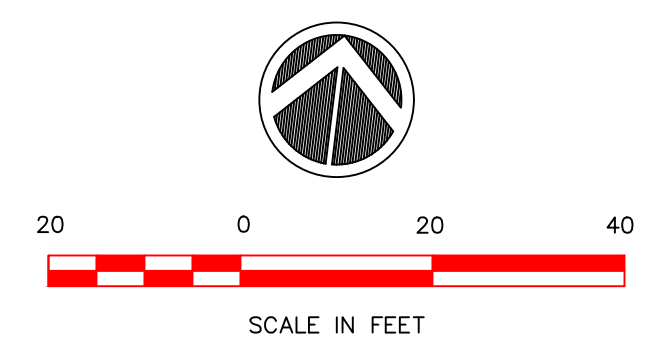
HM
HOLE MONTES
ENGINEERS-PLANNERS-SURVEYORS

950 Encore Way
Naples, FL 34110
Phone: (239) 254-2000
Florida Certificate of
Authorization No.1772

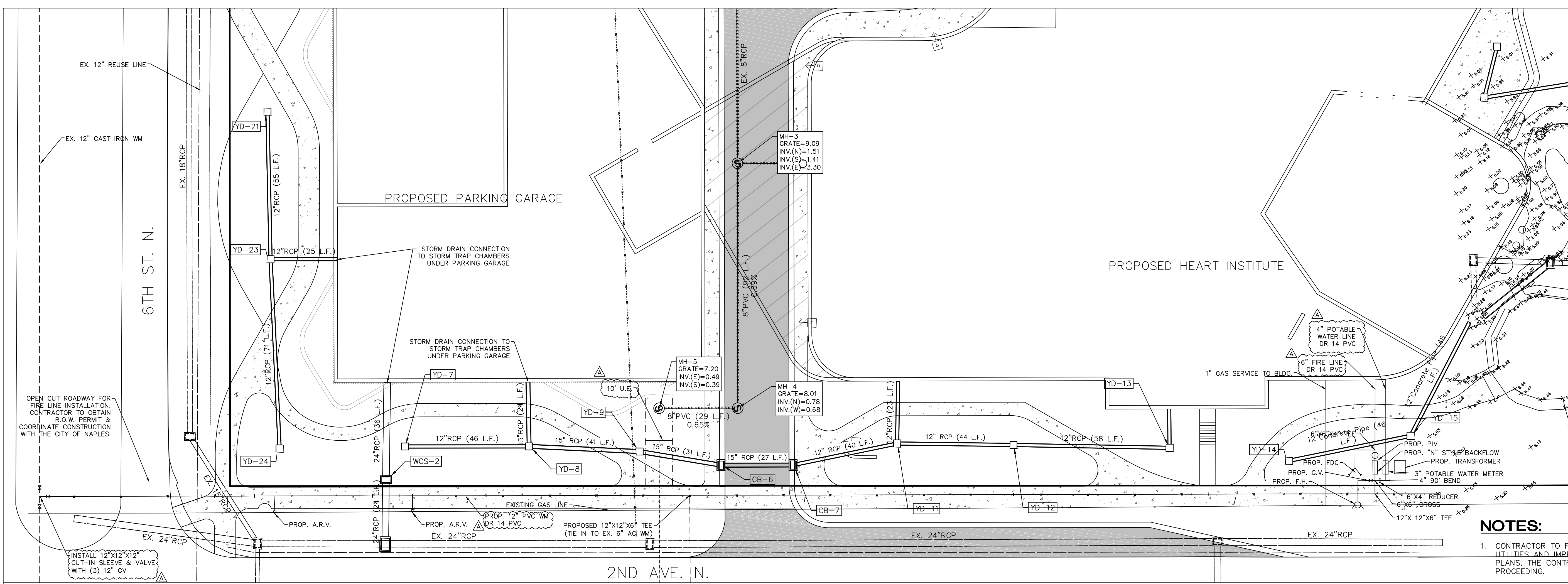
**PLAN & PROFILE
NORTH FIRE LINE**

ENGINEER: W. TERRY COLE, P.E. LICENSE No. 42347

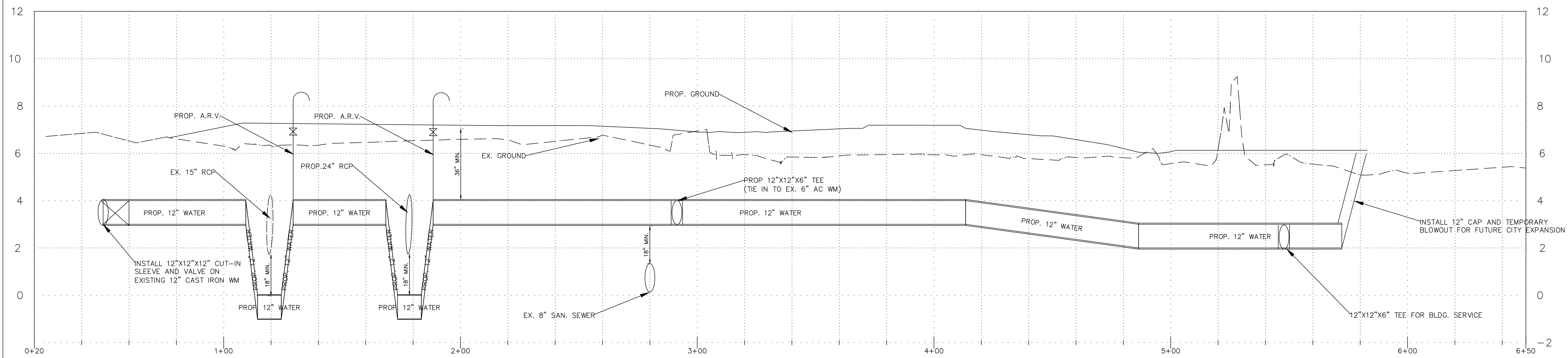
THESE DRAWINGS ARE NOT APPROVED FOR CONSTRUCTION UNLESS SIGNED BELOW: DATE _____	REFERENCE NO. 5032PP01	DRAWING NO. 5023-10
	PROJECT NO. 2023.017	SHEET NO. 10 OF 23



- LEGEND:**
- PROPOSED BUILDING
 - PROPOSED ASPHALT PAVEMENT
 - EXISTING PAVER BLOCKS
 - PROPOSED CONCRETE SIDEWALK OR PAVER BLOCKS
 - OVERHEAD CORRIDOR
 - MILL AND OVERLAY
 - STREET LIGHT



- NOTES:**
1. CONTRACTOR TO FIELD VERIFY EXISTING LOCATION AND ELEVATION OF ALL UTILITIES AND IMPROVEMENTS. IF EXISTING CONDITIONS ARE INCONSISTENT WITH PLANS, THE CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO PROCEEDING.
 2. EXISTING UTILITIES (WATER, SEWER, GAS AND STORM) SERVING THE EXISTING NCH HOSPITAL TO REMAIN IN SERVICE DURING CONSTRUCTION.
 3. ALL FIRE LINE AND WATER MAINS SHALL BE C305-DR14 PVC PIPE.



LETTER	REVISIONS	DATE

NCH
NAPLES COMMUNITY HOSPITAL
NCH HEART VASCULAR &
STROKE INSTITUTE EXPANSION

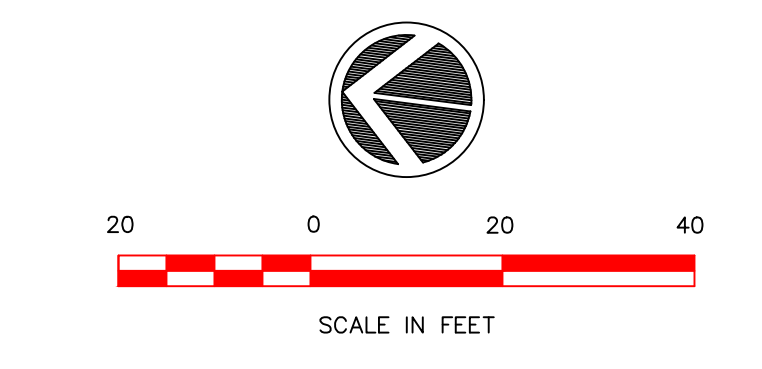
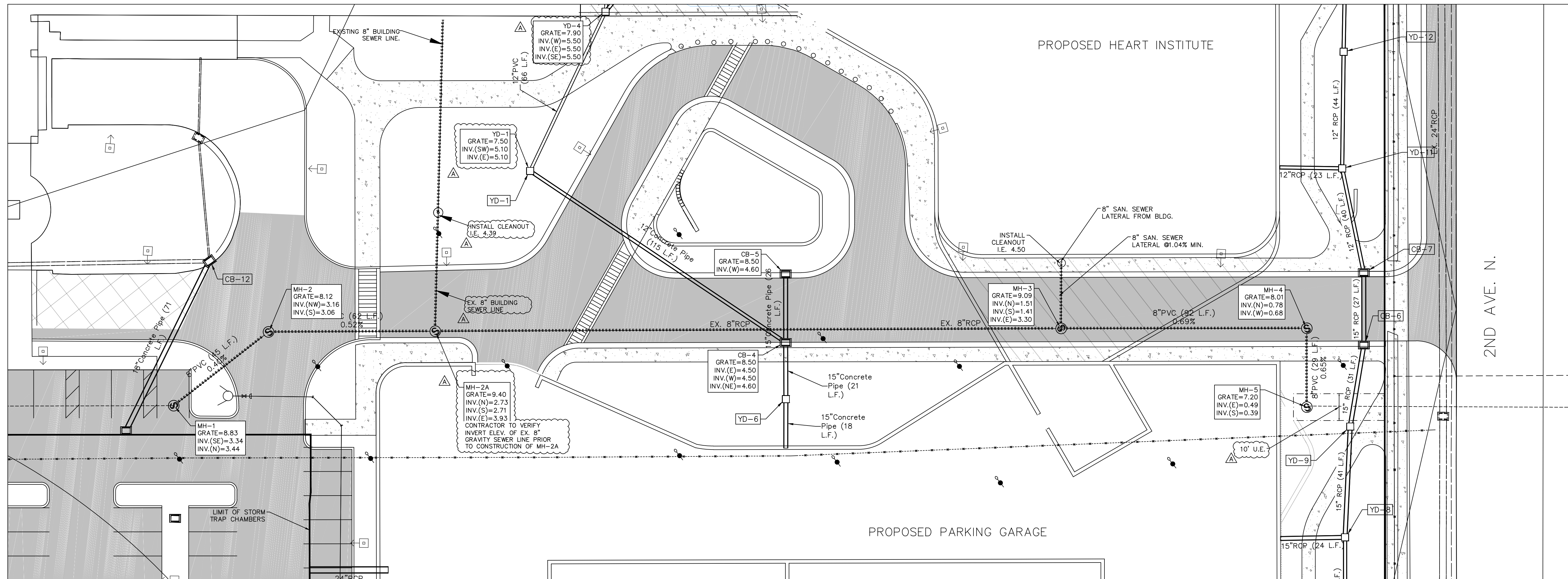
DESIGNED BY W.T.C.	DATE 5/23
DRAWN BY G.J.G.	DATE 5/23
CHECKED BY W.T.C.	DATE 5/23
VERTICAL SCALE N/A	HORIZONTAL SCALE 1" = 40'

H.M.
HOLE MONTES
ENGINEERS-PLANNERS-SURVEYORS

950 Encore Way
Naples, FL 34110
Phone: (239) 254-2000
Florida Certificate of
Authorization No.1772

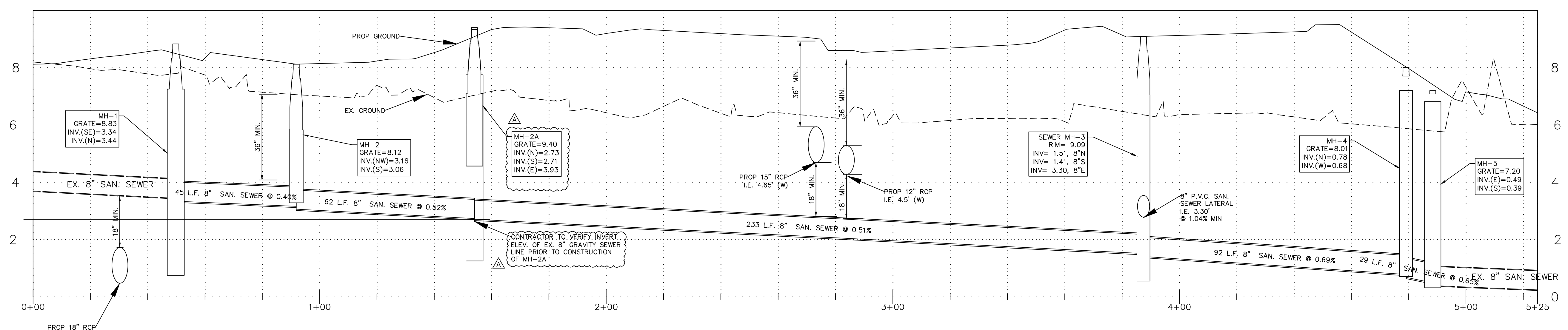
**PLAN & PROFILE
SOUTH WATER MAIN**

ENGINEER: W. TERRY COLE, P.E. LICENSE No. 42347	
THESE DRAWINGS ARE NOT APPROVED FOR CONSTRUCTION UNLESS SIGNED BELOW:	
REFERENCE NO. 5032PP02	DRAWING NO. 5023-11
PROJECT NO. 2023.017	SHEET NO. 11 OF 23
DATE	



- LEGEND:**
- PROPOSED BUILDING
 - PROPOSED ASPHALT PAVEMENT
 - EXISTING PAVER BLOCKS
 - PROPOSED CONCRETE SIDEWALK OR PAVER BLOCKS
 - OVERHEAD CORRIDOR
 - MILL AND OVERLAY
 - STREET LIGHT

- NOTES:**
1. CONTRACTOR TO FIELD VERIFY EXISTING LOCATION AND ELEVATION OF ALL UTILITIES AND IMPROVEMENTS. IF EXISTING CONDITIONS ARE INCONSISTENT WITH PLANS, THE CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO PROCEEDING.
 2. EXISTING UTILITIES (WATER, SEWER, GAS AND STORM) SERVING THE EXISTING NCH HOSPITAL TO REMAIN IN SERVICE DURING CONSTRUCTION.
 3. ALL FIRE LINE AND WATER MAINS SHALL BE C305-DR14 PIPE.



H:\2023\2023017\DW CONSTRUCTION\SDPA\5032PP02.dwg Tab: Profile 3 Aug 22, 2023 - 3:03pm Plotted by: GarrettGrabowski

LETTER	REVISIONS	DATE

NCH
NAPLES COMMUNITY HOSPITAL
NCH HEART VASCULAR &
STROKE INSTITUTE EXPANSION

Healthcare System

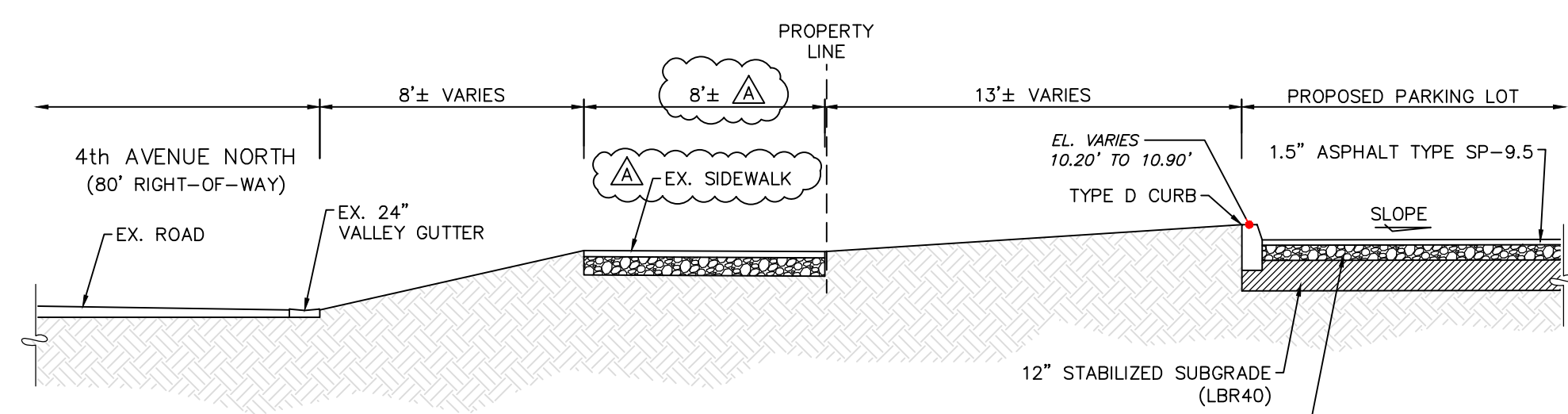
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DRAWN BY G.J.G.	DATE 3/23
CHECKED BY W.T.C.	DATE 3/23
VERTICAL SCALE N/A	HORIZONTAL SCALE 1" = 40'

HM
HOLE MONTES
ENGINEERS-PLANNERS-SURVEYORS

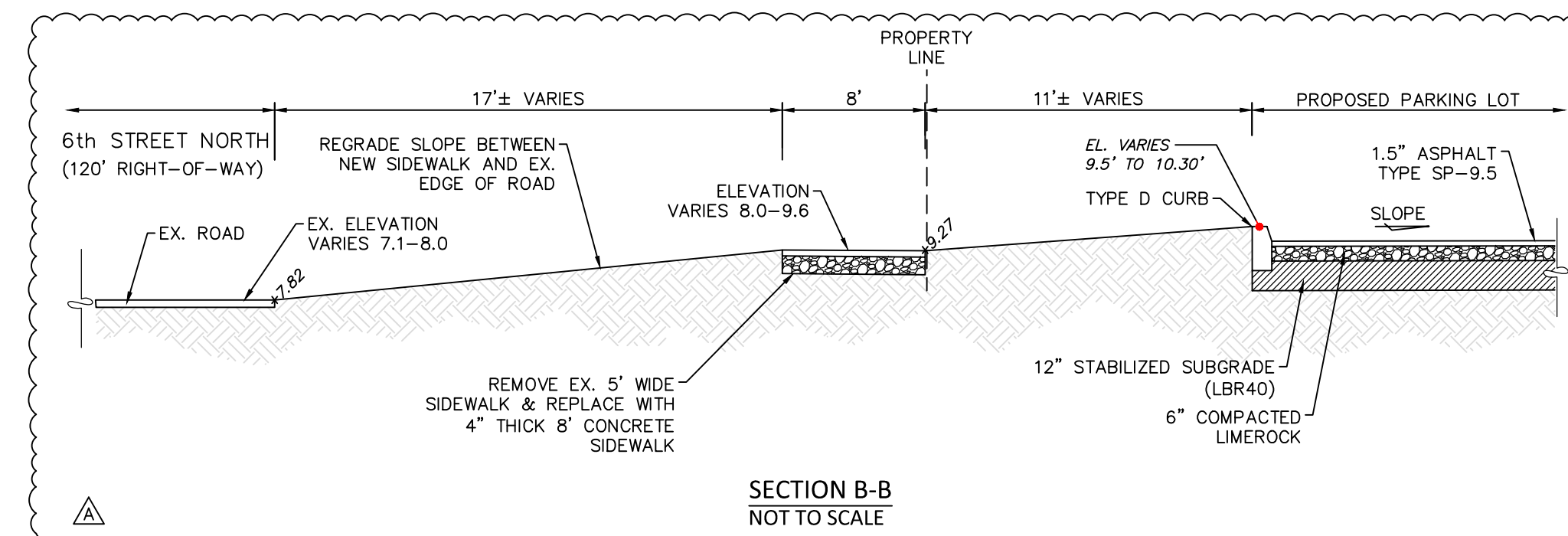
950 Encore Way
Naples, FL 34110
Phone: (239) 254-2000
Florida Certificate of
Authorization No.1772

**PLAN AND PROFILE
SANITARY SEWER LINE**

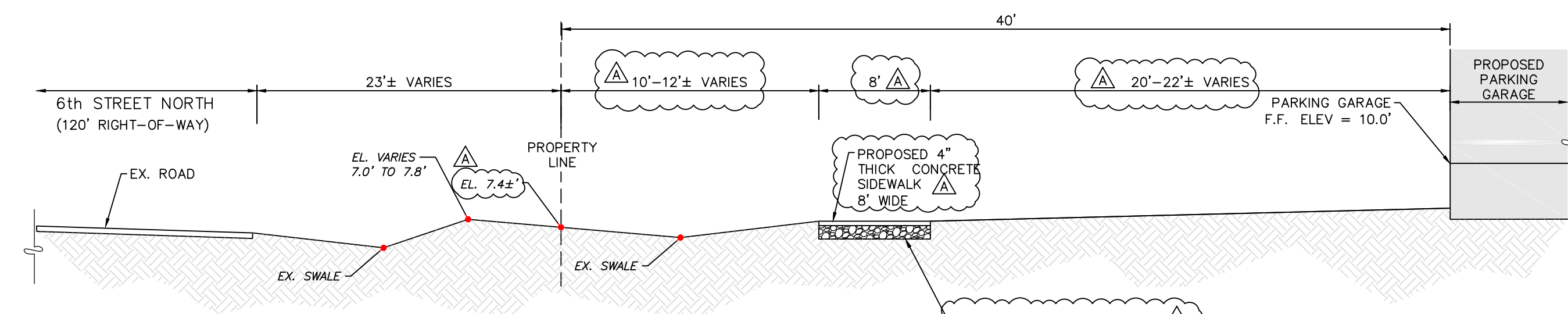
ENGINEER: W. TERRY COLE, P.E. LICENSE No. 42347	
REFERENCE NO. 5032PP02	DRAWING NO. 5023-12
PROJECT NO. 2023.017	SHEET NO. 12 OF 23
DATE	



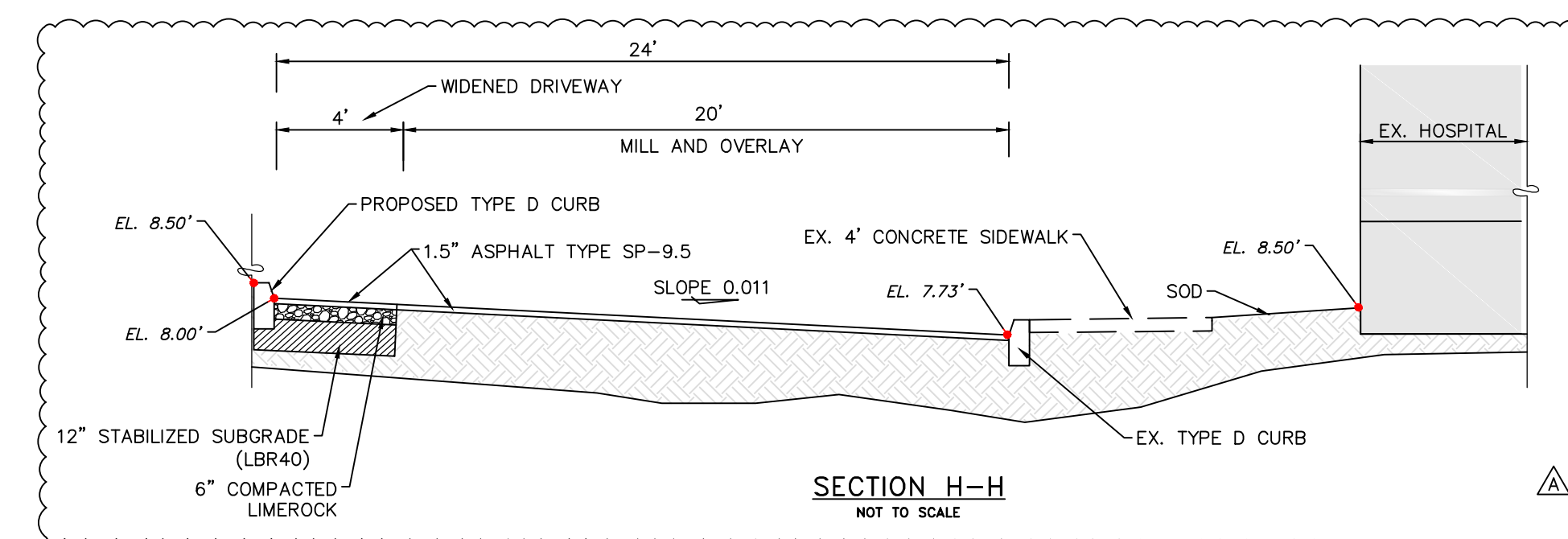
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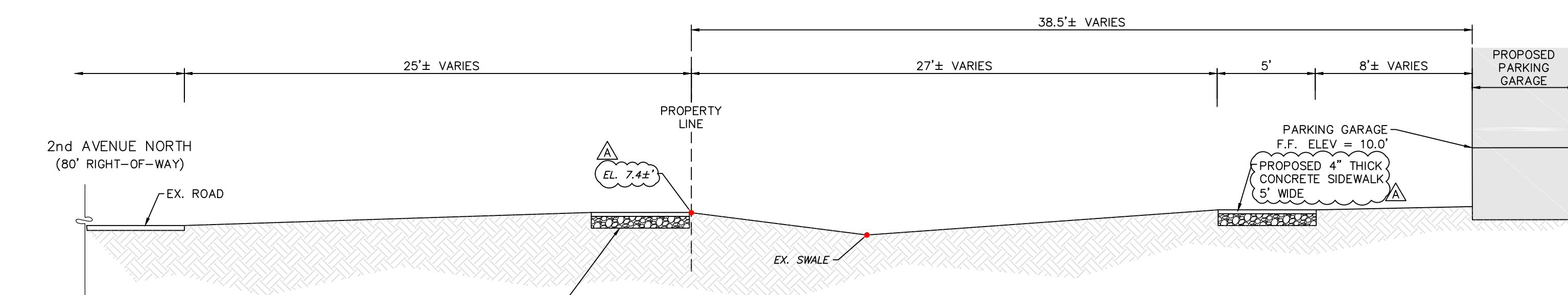
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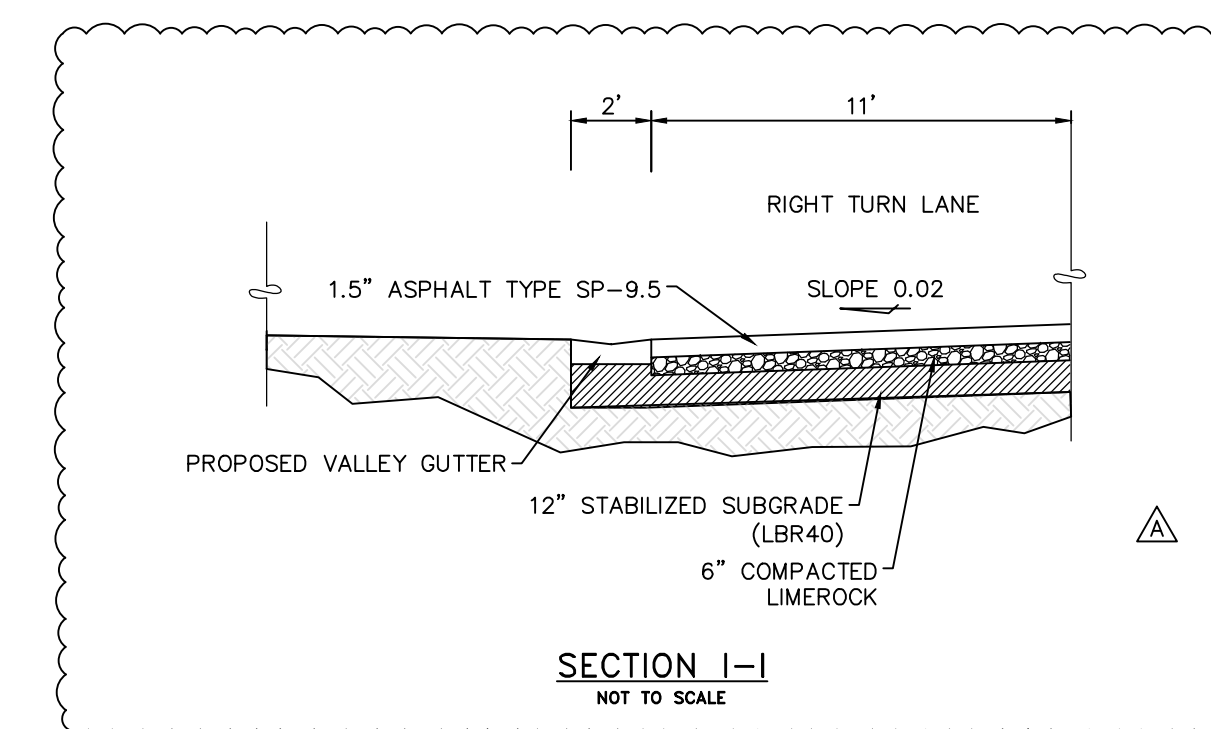
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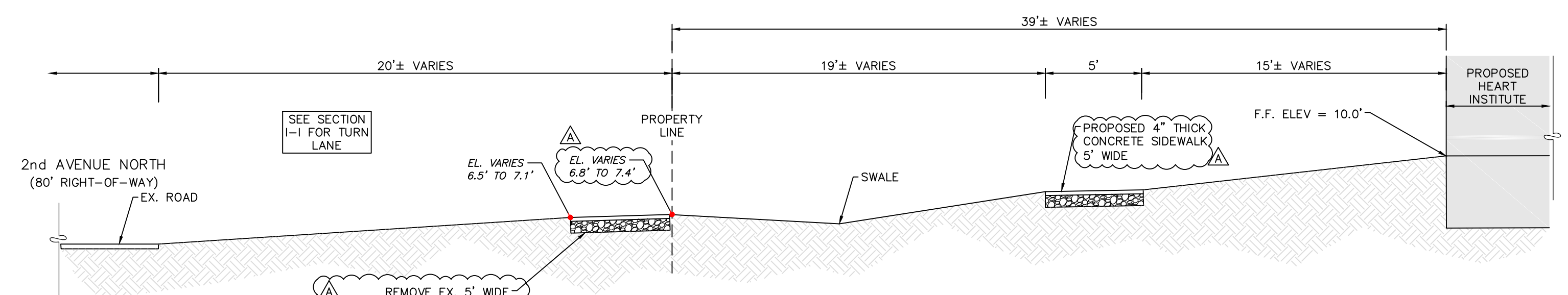
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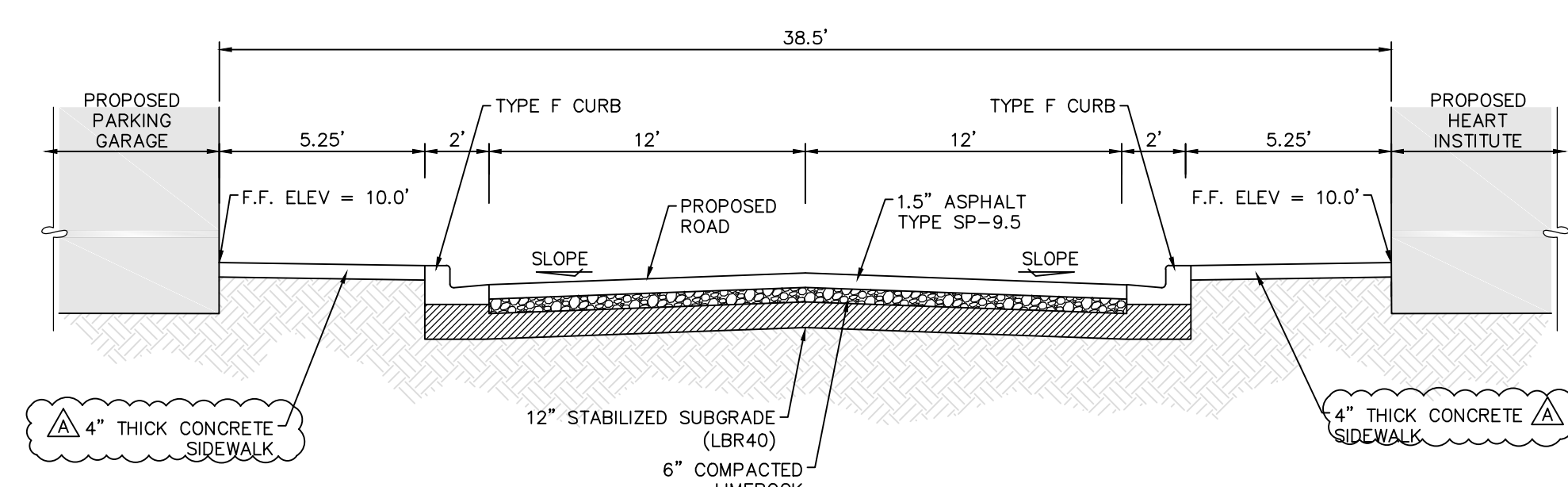
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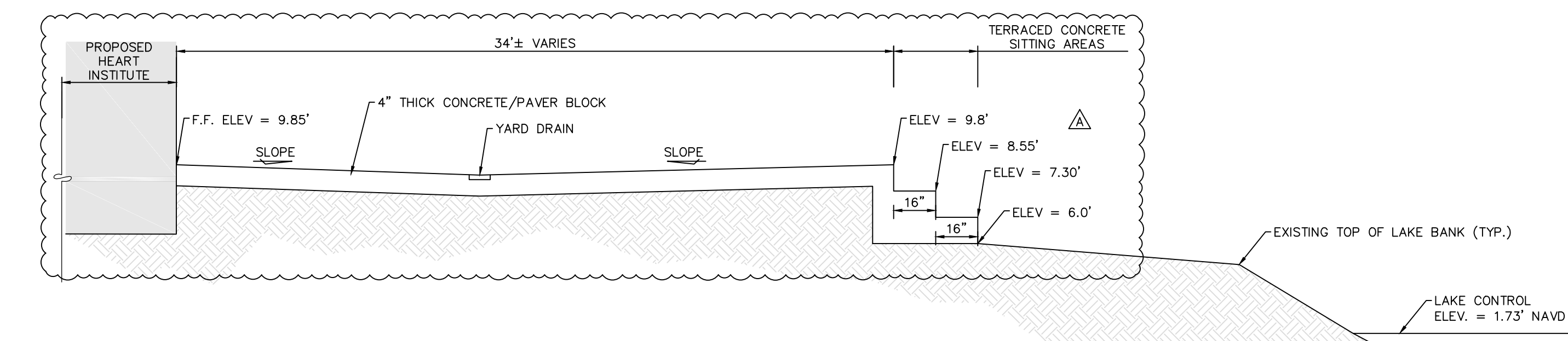
SECTION I-I
NOT TO SCALE



SECTION E-E
NOT TO SCALE



SECTION F-F
NOT TO SCALE



SECTION G-G
NOT TO SCALE

H:\2023\2023017\DWG\CONSTRUCTION\SPR\5032TYP.dwg Tab: X-SEC Aug 22, 2023 - 10:50am Plotted by: Gornett@robawski

REVISIONS	DATE
PER CITY COMMENTS	8/2023
LETTER	DATE

NCH Healthcare System
**NAPLES COMMUNITY HOSPITAL
 NCH HEART VASCULAR &
 STROKE INSTITUTE EXPANSION**

DESIGNED BY	DATE
W.T.C.	4/23
DRAWN BY	DATE
S.P.C.	4/23
CHECKED BY	DATE
W.T.C.	4/23
VERTICAL SCALE	HORIZONTAL SCALE
N/A	AS NOTED

HM
HOLE MONTES
 ENGINEERS-PLANNERS-SURVEYORS

950 Encore Way
 Naples, FL 34110
 Phone: (239) 254-2000
 Florida Certificate of
 Authorization No.1772

TYPICAL SECTIONS

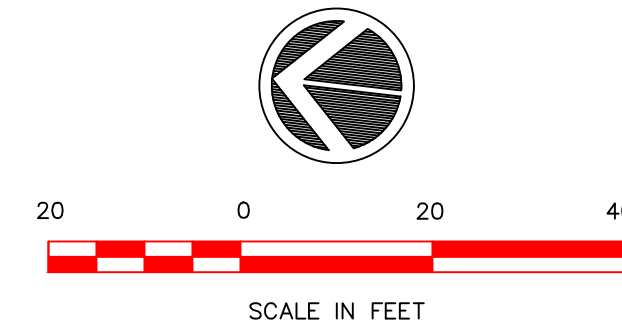
ENGINEER: W. TERRY COLE, P.E. LICENSE No. 42347

REFERENCE NO.	DRAWING NO.
5032TYP	5023-13
PROJECT NO.	SHEET NO.
2023.017	13 OF 23
DATE	

THESE DRAWINGS ARE NOT APPROVED FOR CONSTRUCTION UNLESS SIGNED BELOW:

LEGEND:

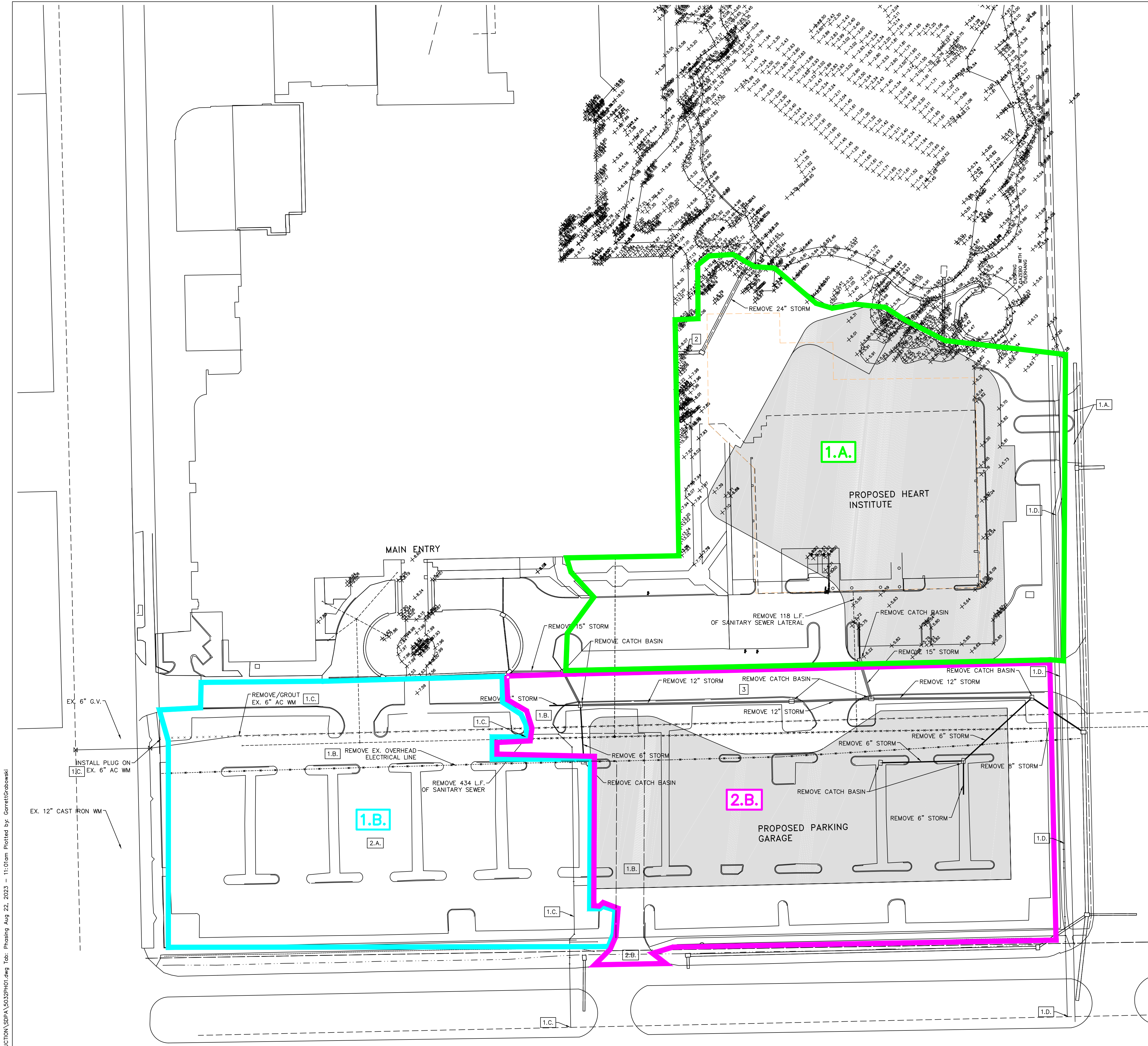
- PROPOSED BUILDING
- EXISTING ELECTRICAL LINE
- EXISTING TELEPHONE LINE
- EXISTING CHILLED WATER LINE
- UNKNOWN UTILITY LINE
- EXISTING UTILITY LINE TO BE REMOVED



Phasing Notes

All phases of Phase 1 work occur concurrently.

- 1.A. Demo existing Telford building and surrounding area; begin site and foundation work in vicinity of the proposed Heart Institute building.
- 1.B. Construct northwest parking lot improvements - relocate existing overhead electrical line, remove existing parking, excavate, and install Storm Trap chambers, parking, and landscaping. The southwest parking lot is to remain open with driveway connection to 7th St. N. drive and Main Hospital entry. Mill and overlay 7th St. N. driveway area at night/coordinate phased work areas to maintain Main Entry access.
- 1.C. Install fire line and fire hydrant north of parking garage. After it is approved for use, remove and/or grout existing 6" asbestos cement water main.
- 1.D. Install water main along north side of 2nd Ave. N. Coordinate temporary closure 7th St. N. driveway for water main installation.
- 2.A. Open northwest parking lot for use.
- 2.B. Demo existing sidewalk and remove 6th St. N. entrance. Begin Parking Garage construction, close 7th St. N. driveway south of Main Hospital entry, install sanitary sewer.
3. Construct 7th St. N. driveway south of Main Hospital entry.
4. Open Heart Institute, Parking Garage, and 7th St. N. Driveway.



H:\2023\2023017\DW\CONSTRUCTION\SDPA_5032PH01.dwg Tab: Phasing Aug 22, 2023 - 11:01am Plotted by: GarrettOrabowski

LETTER	REVISIONS	DATE

NCH
Healthcare System

**NAPLES COMMUNITY HOSPITAL
NCH HEART VASCULAR &
STROKE INSTITUTE EXPANSION**

DESIGNED BY
W.T.C.
DATE
5/23

DRAWN BY
G.J.G.
DATE
5/23

CHECKED BY
W.T.C.
DATE
5/23

VERTICAL SCALE
N/A

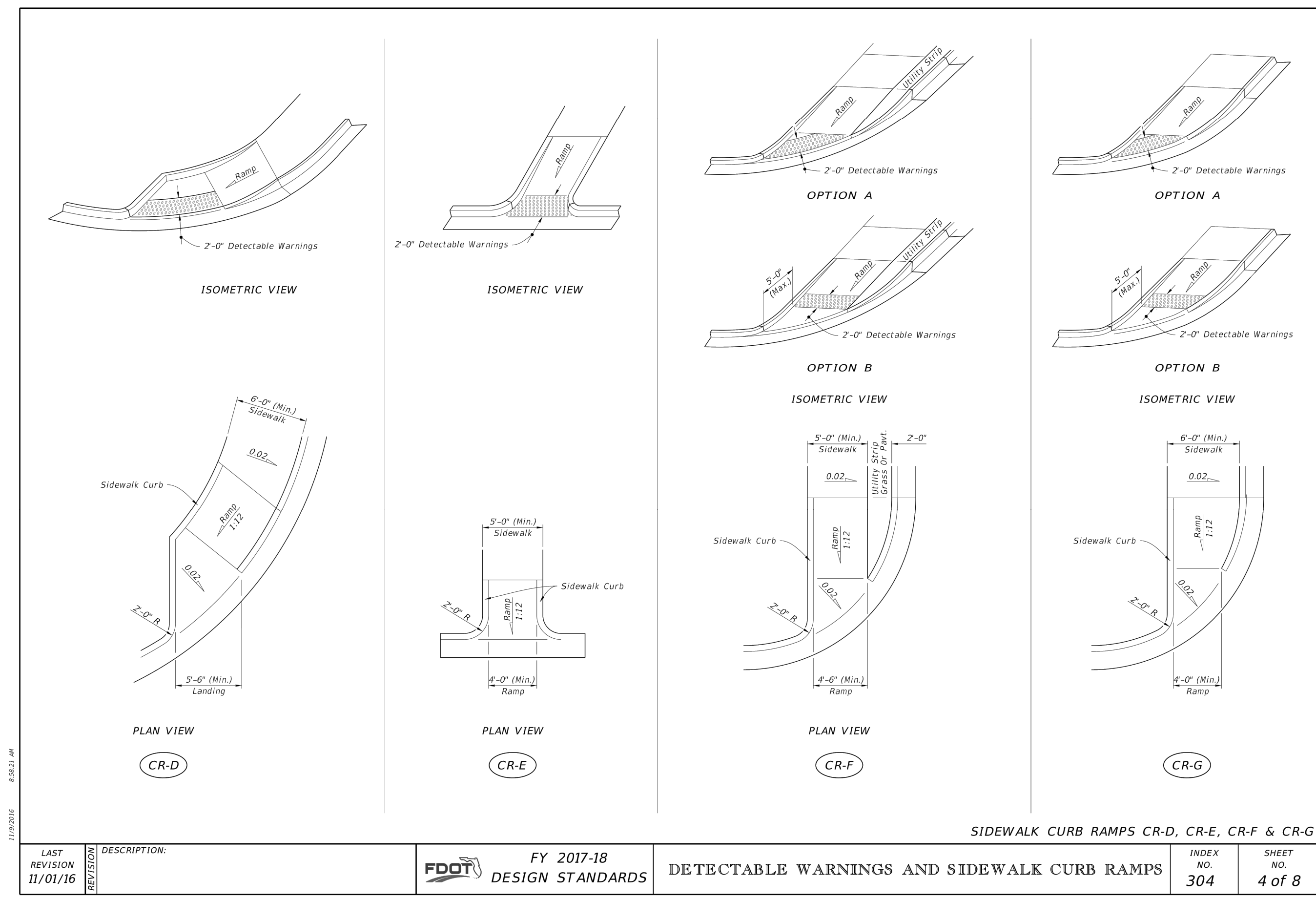
HORIZONTAL SCALE
1" = 40'

HM
HOLE MONTES
ENGINEERS-PLANNERS-SURVEYORS

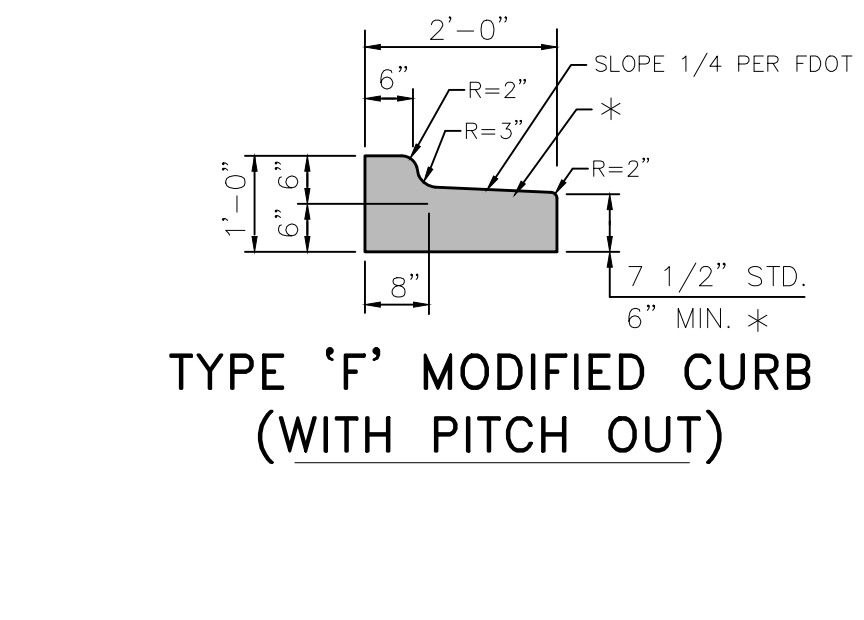
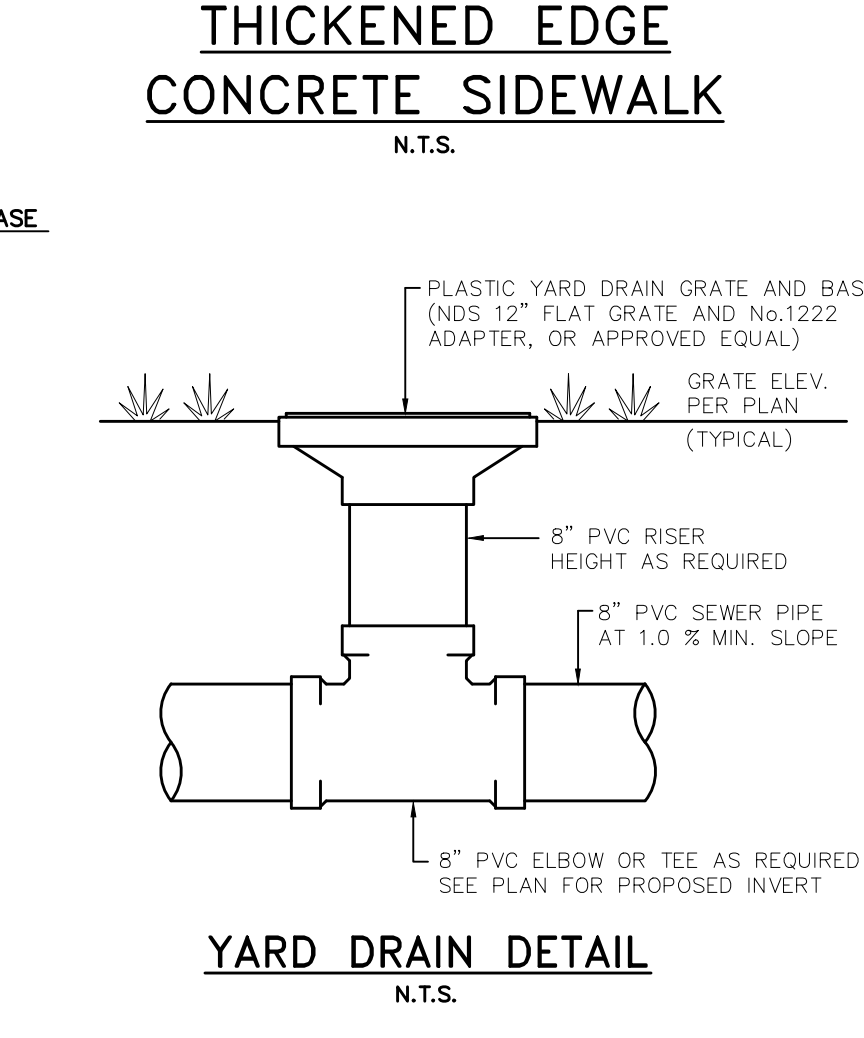
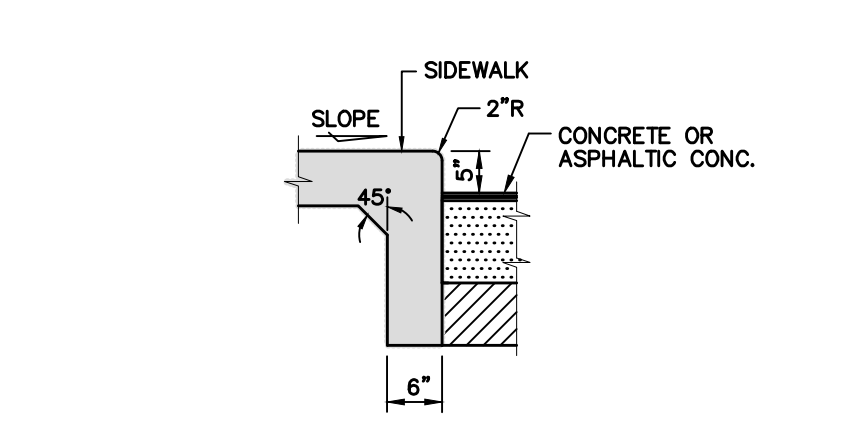
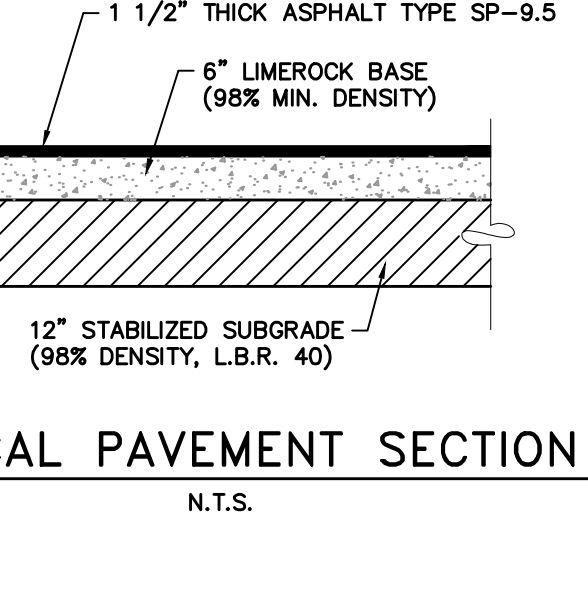
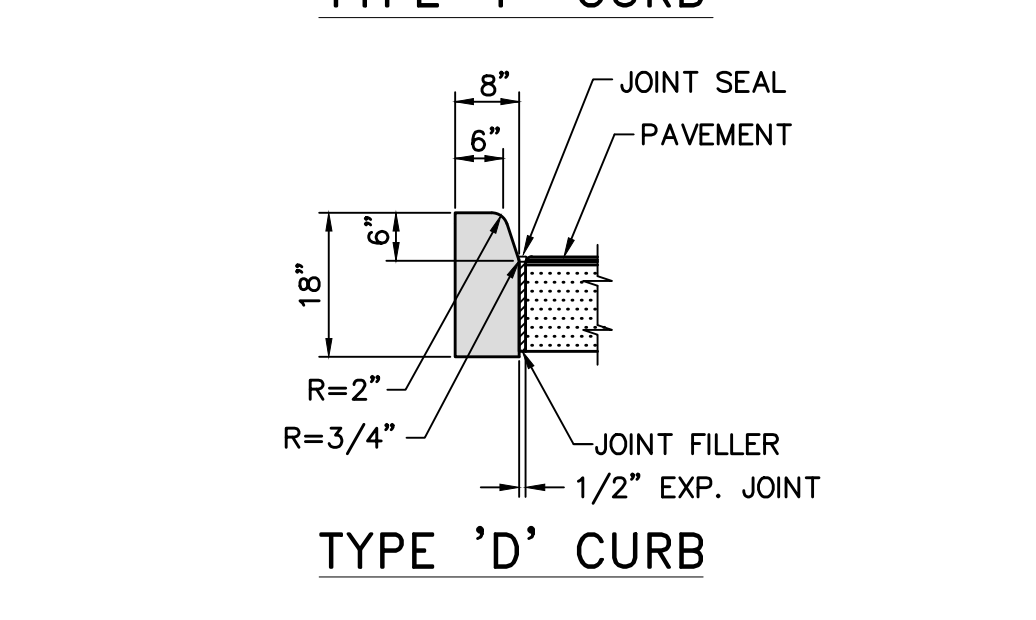
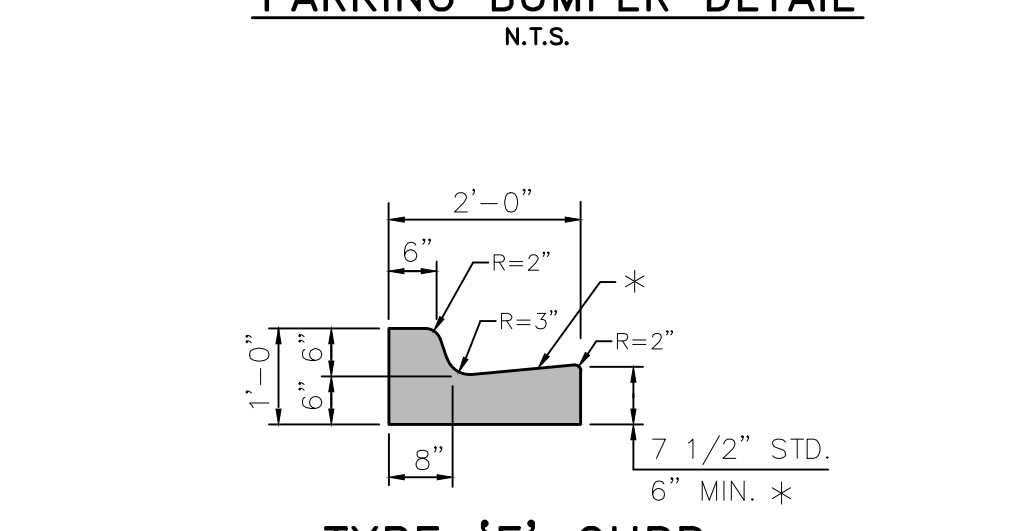
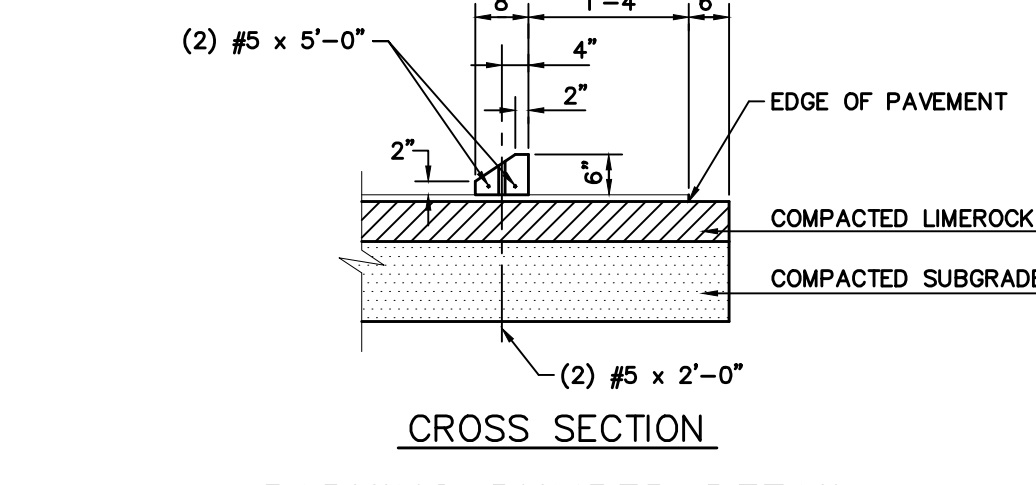
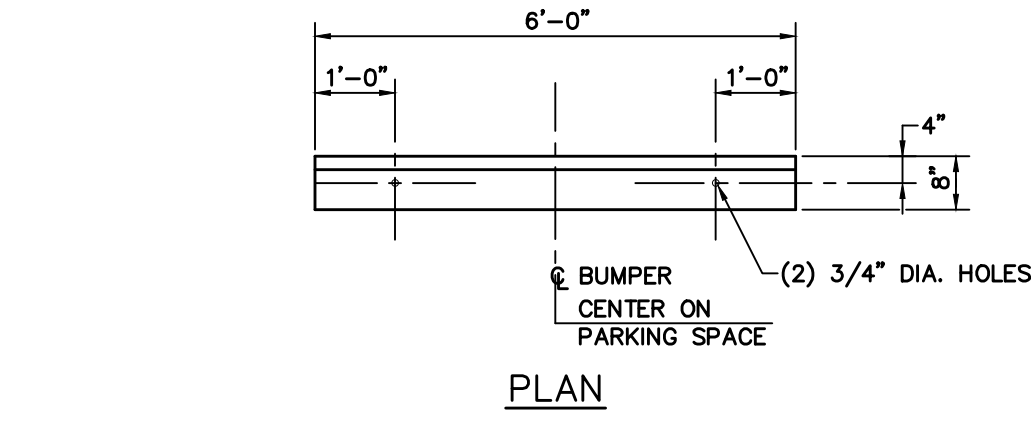
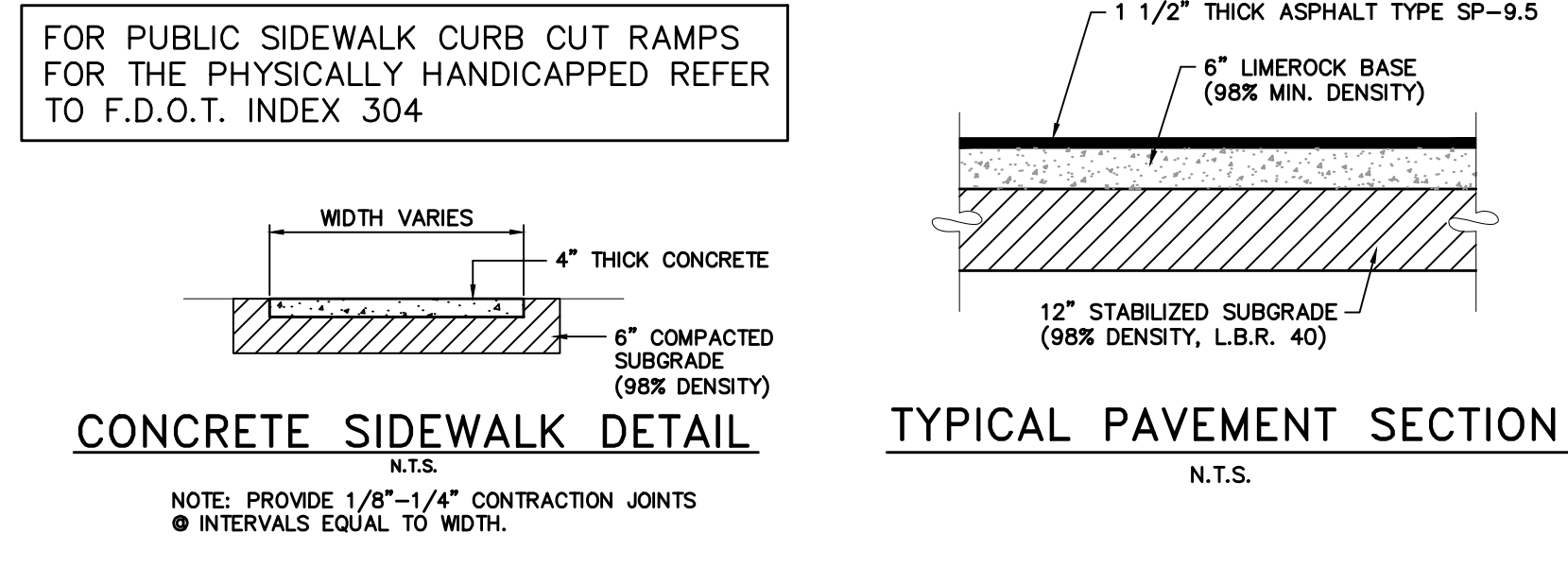
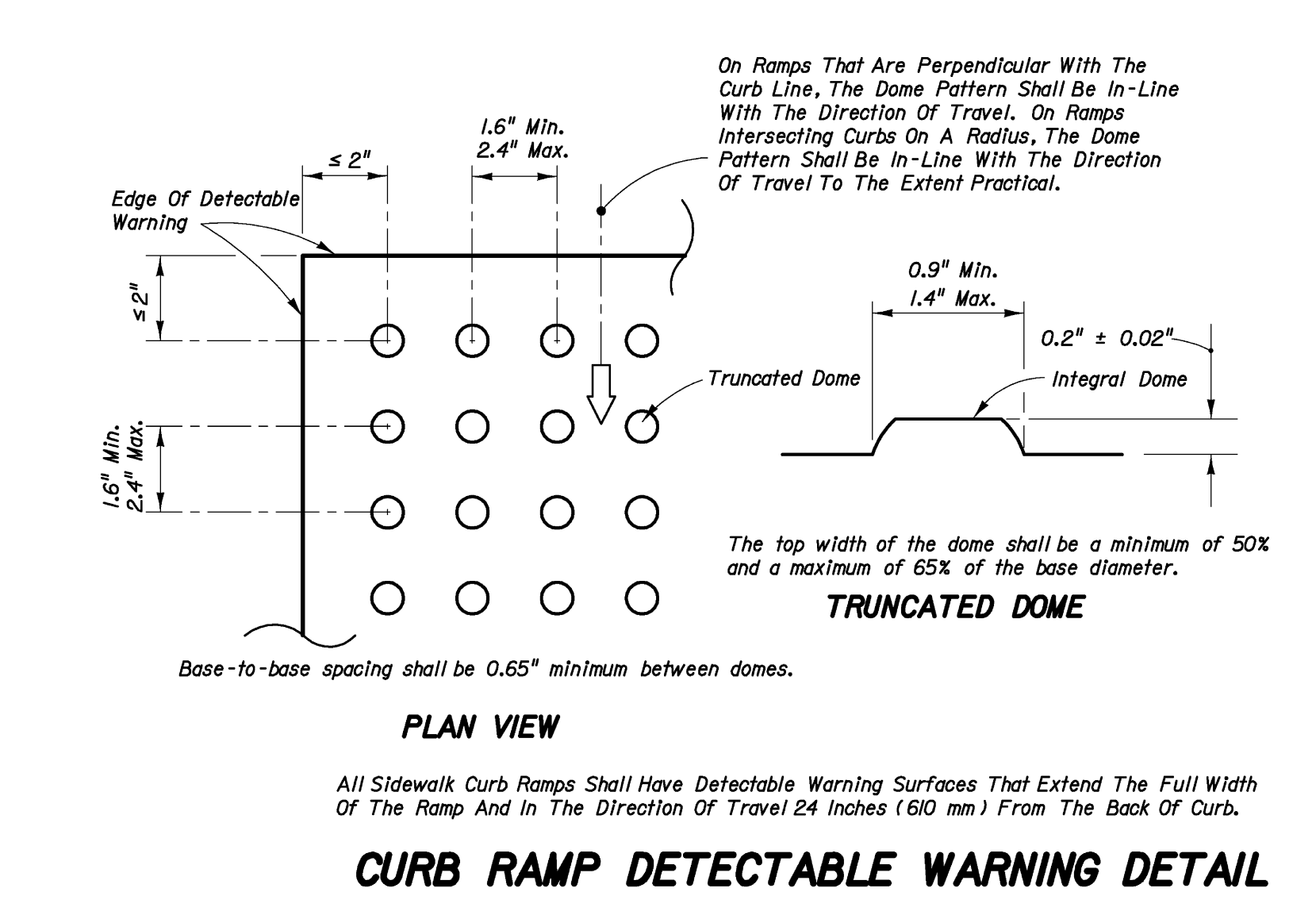
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Naples, FL 34110
Phone: (239) 254-2000
Florida Certificate of
Authorization No.1772

PHASING PLAN

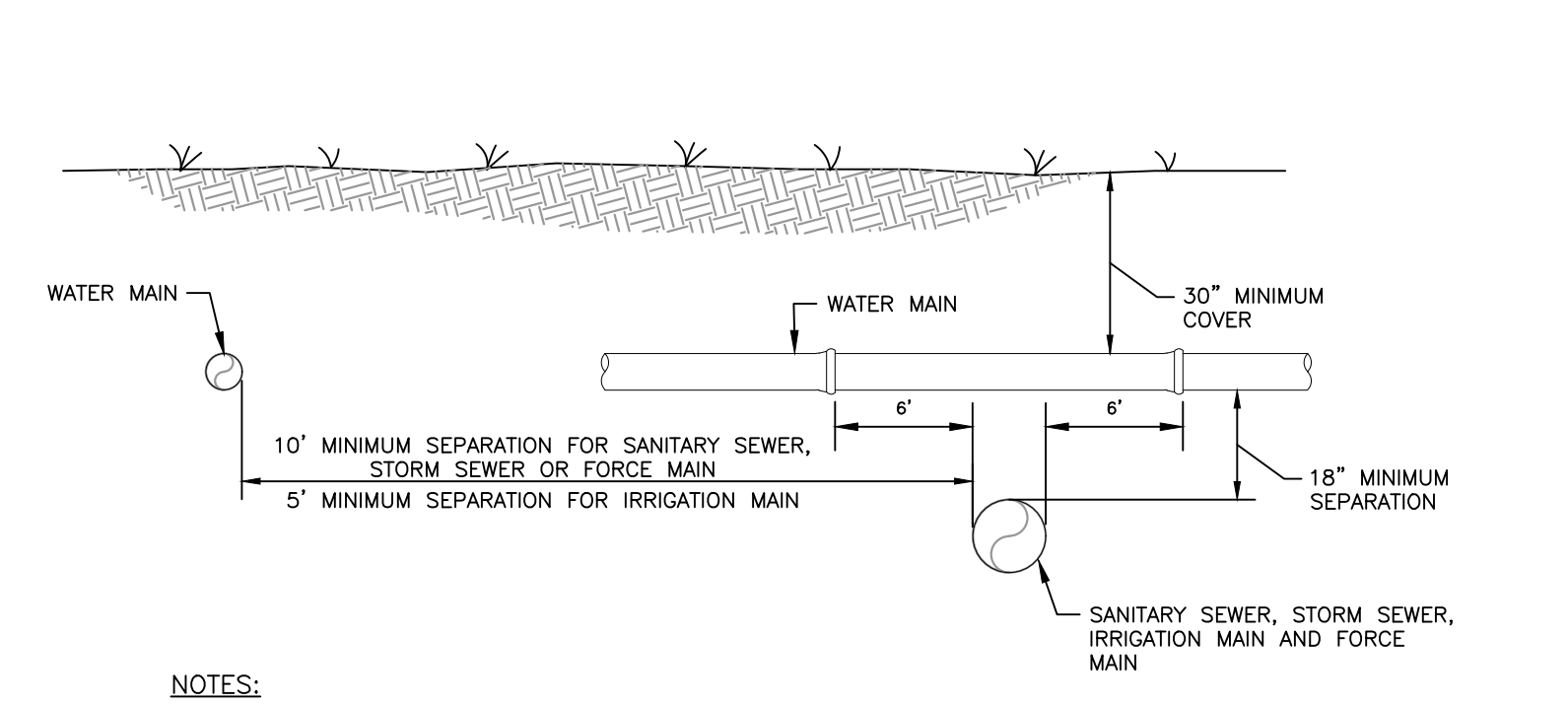
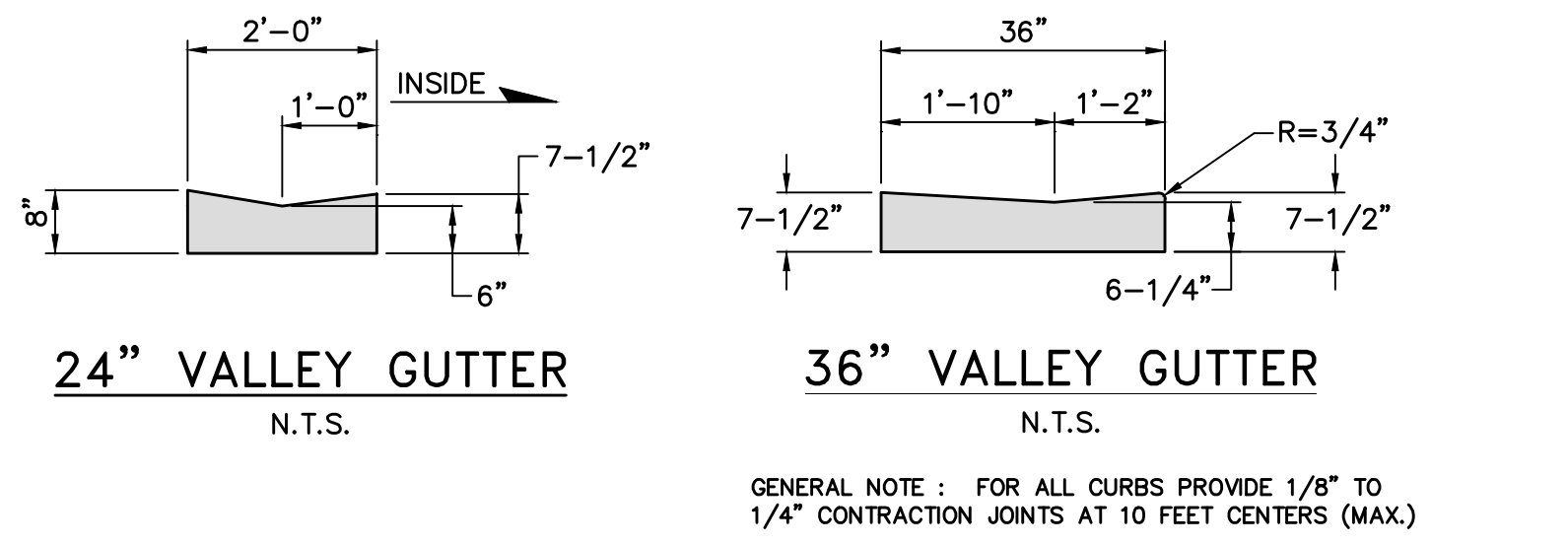
ENGINEER: W. TERRY COLE, P.E. LICENSE No. 42347	
THESE DRAWINGS ARE NOT APPROVED FOR CONSTRUCTION UNLESS SIGNED BELOW:	
REFERENCE NO. 5032PH01	DRAWING NO. 5023-14
PROJECT NO. 2023.017	SHEET NO. 14 OF 23
DATE	



LAST REVISION 11/01/16	DESCRIPTION: REVISION	FDOT DESIGN STANDARDS	FY 2017-18 DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX NO. 304	SHEET NO. 4 of 8
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- GENERAL NOTES:
- THE LOCATION AND ORIENTATION OF CURB RAMPS SHALL BE AS SHOWN IN THE PLANS.
 - CURB RAMP RUNNING SLOPES AT UNRESTRAINED SITES SHALL NOT BE STEEPER THAN 1 : 12 AND CROSS SLOPE SHALL BE 0.02 OR FLATTER. TRANSITION SLOPES SHALL NOT BE STEEPER THAN 1 : 12. WHEN ALTERING EXISTING PEDESTRIAN FACILITIES WHERE EXISTING SITE DEVELOPMENT PRECLUDES THE ACCOMMODATION OF A RAMP SLOPE OF 1 : 12, A RUNNING SLOPE BETWEEN 1 : 12 AND 1 : 10 IS PERMITTED FOR A RISE OF 6\"/>



- NOTES:
- WATER MAINS SHALL BE SEPARATED FROM STORM SEWER, SANITARY SEWER, NON-POTABLE IRRIGATION MAINS, AND FORCE MAINS BY A MINIMUM CLEAR VERTICAL DISTANCE OF 18 INCHES MEASURED BETWEEN THE BOTTOM OF THE UPPER PIPE AND THE TOP OF THE LOWER PIPE. THE 18 INCHES MINIMUM VERTICAL SEPARATION DISTANCE DOES NOT APPLY TO SEPARATIONS OF SEWER LATERALS AND POTABLE WATER MAIN PIPELINE INSTALLATIONS. ALSO, WATER MAINS SHALL BE SEPARATED FROM STORM SEWER, SANITARY SEWER AND FORCE MAINS BY 10 FEET AND FROM IRRIGATION MAINS BY 5 FEET MEASURED HORIZONTALLY BETWEEN OUTSIDE OF PIPES.
 - ALL CROSSINGS WITH VERTICAL CLEARANCE LESS THAN 18 INCHES SHALL REQUIRE SUBMISSION AND APPROVAL OF A DEVIATION. IF A DEVIATION IS SUBMITTED, THE FOLLOWING MINIMUM STIPULATIONS APPLY: THE CROSSING SHALL BE MADE USING THICKNESS CLASS 200 ANWA C-900 DR14, PVC (CLASS 235 ANWA C-905, OR 18, PVC FOR PIPES GREATER THAN 12\"/>

PIPE SEPARATION DETAIL G-3
NTS REVISED: APRIL 2006

H:\2023\2023017\DW CONSTRUCTION\SSPA\30320001.dwg Tab: 4917-06_D001 Aug 22, 2023 - 11:02am Plotted by: borrett@nch.com

LETTER	REVISIONS	DATE

NCH Healthcare System
**NAPLES COMMUNITY HOSPITAL
 NCH HEART VASCULAR &
 STROKE INSTITUTE EXPANSION**

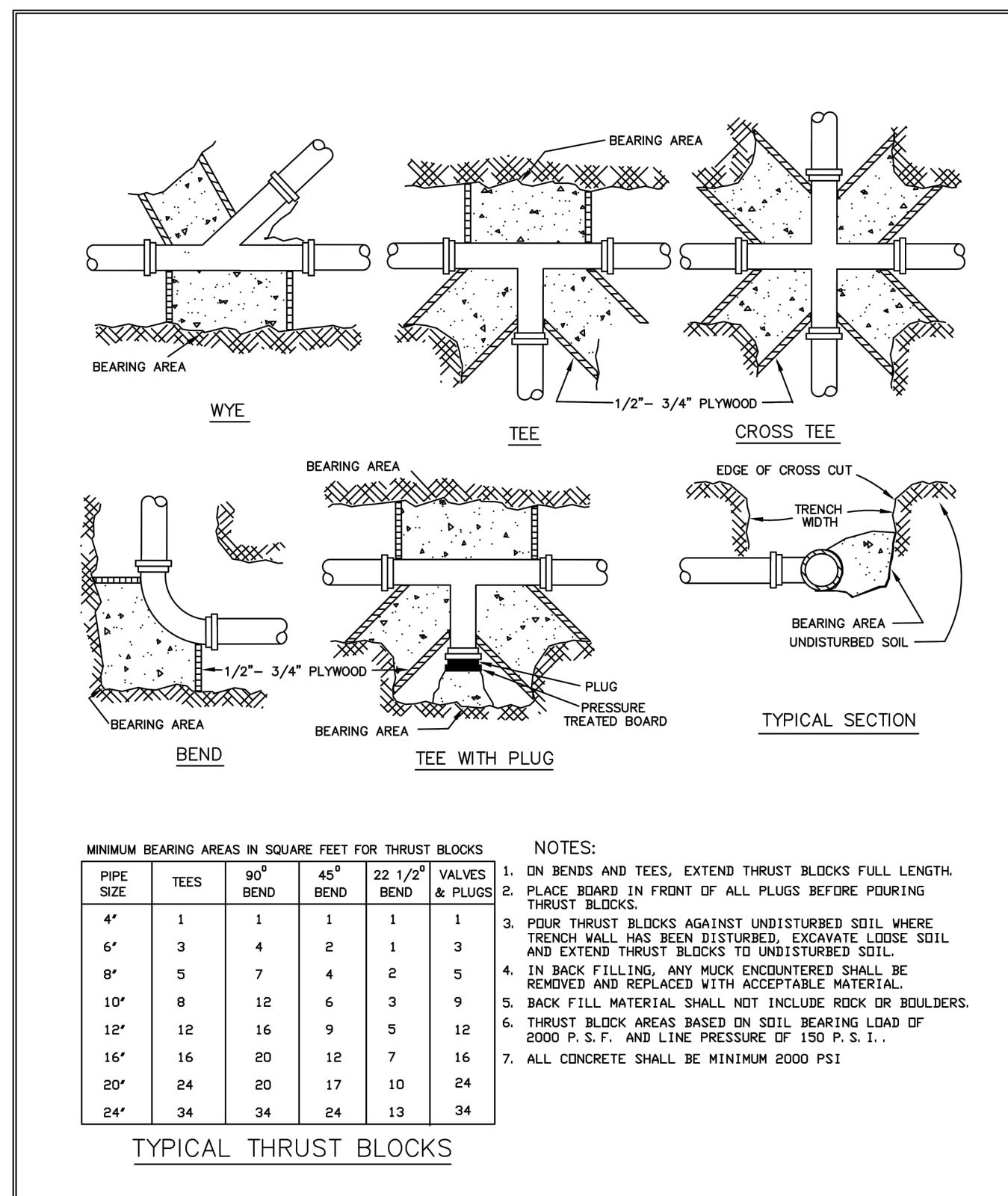
DESIGNED BY W.T.C.	DATE 5/23
DRAWN BY G.J.G.	DATE 5/23
CHECKED BY W.T.C.	DATE 5/23
VERTICAL SCALE N/A	HORIZONTAL SCALE NOTED

H.M.
HOLE MONTES
 ENGINEERS-PLANNERS-SURVEYORS

950 Encore Way
 Naples, FL 34110
 Phone: (239) 254-2000
 Florida Certificate of
 Authorization No.1772

**MISCELLANEOUS
 DETAILS**

ENGINEER: W. TERRY COLE, P.E. LICENSE No. 42347	REFERENCE NO. 5032DDD01	DRAWING NO. 5023-15
DATE 2023.017	PROJECT NO. 2023.017	SHEET NO. 15 OF 22

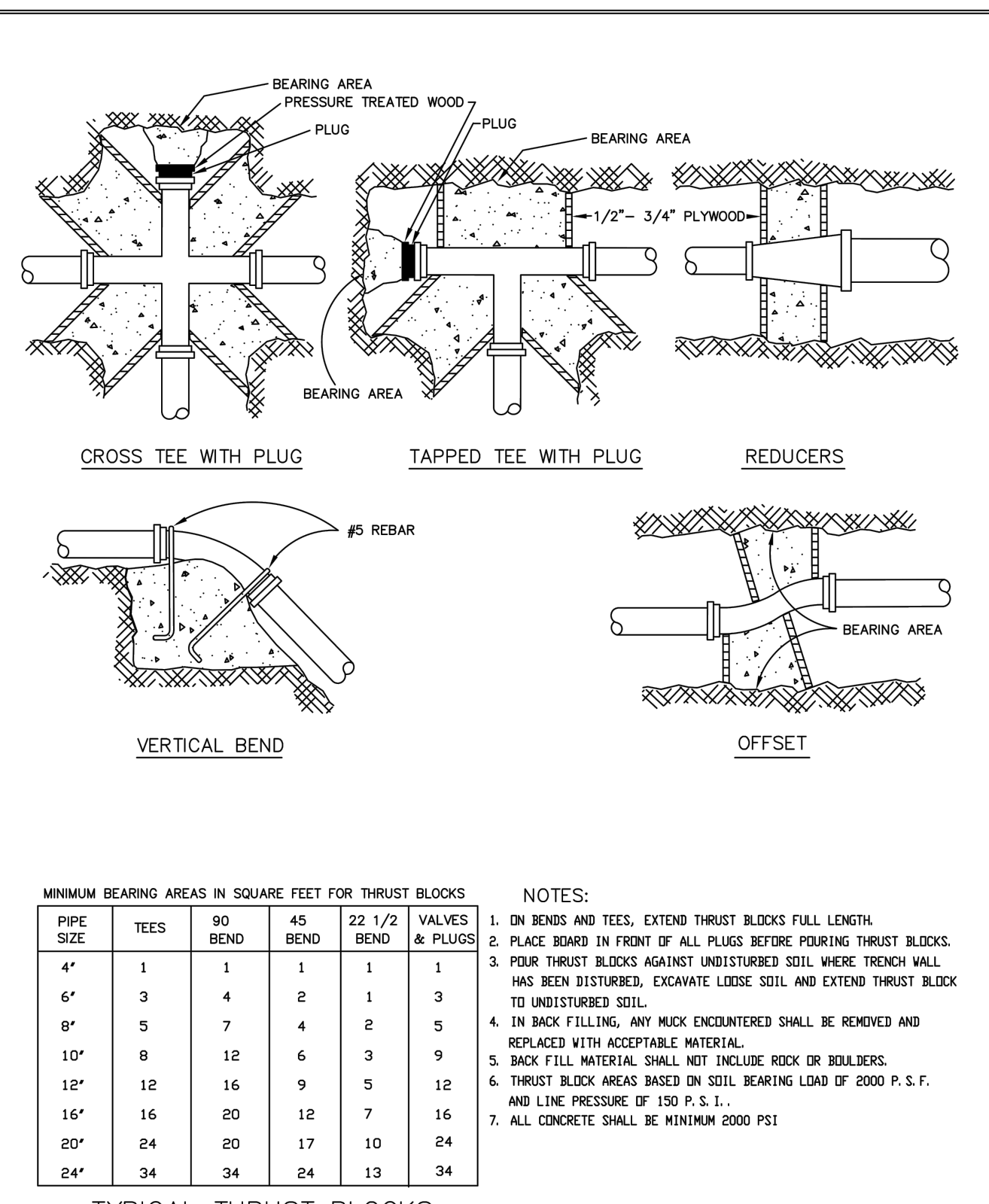


FOR: UTILITIES ENGINEERING DIVISION	CITY OF NAPLES
DATE: SEPT 2010	SHEET: U-05
DRAWN: TWS	DIR: UTILSTDS
SCALE: N.T.S.	DWG. U-05.DWG

THRUST BLOCKS NO. 2

380 RIVERSIDE CIRCLE, NAPLES, FL 34102

THIS DETAIL CONSTITUTES MINIMUM STANDARDS. DESIGN ENGINEERS SHALL PROVIDE STANDARDS EQUAL TO OR GREATER THAN THESE.

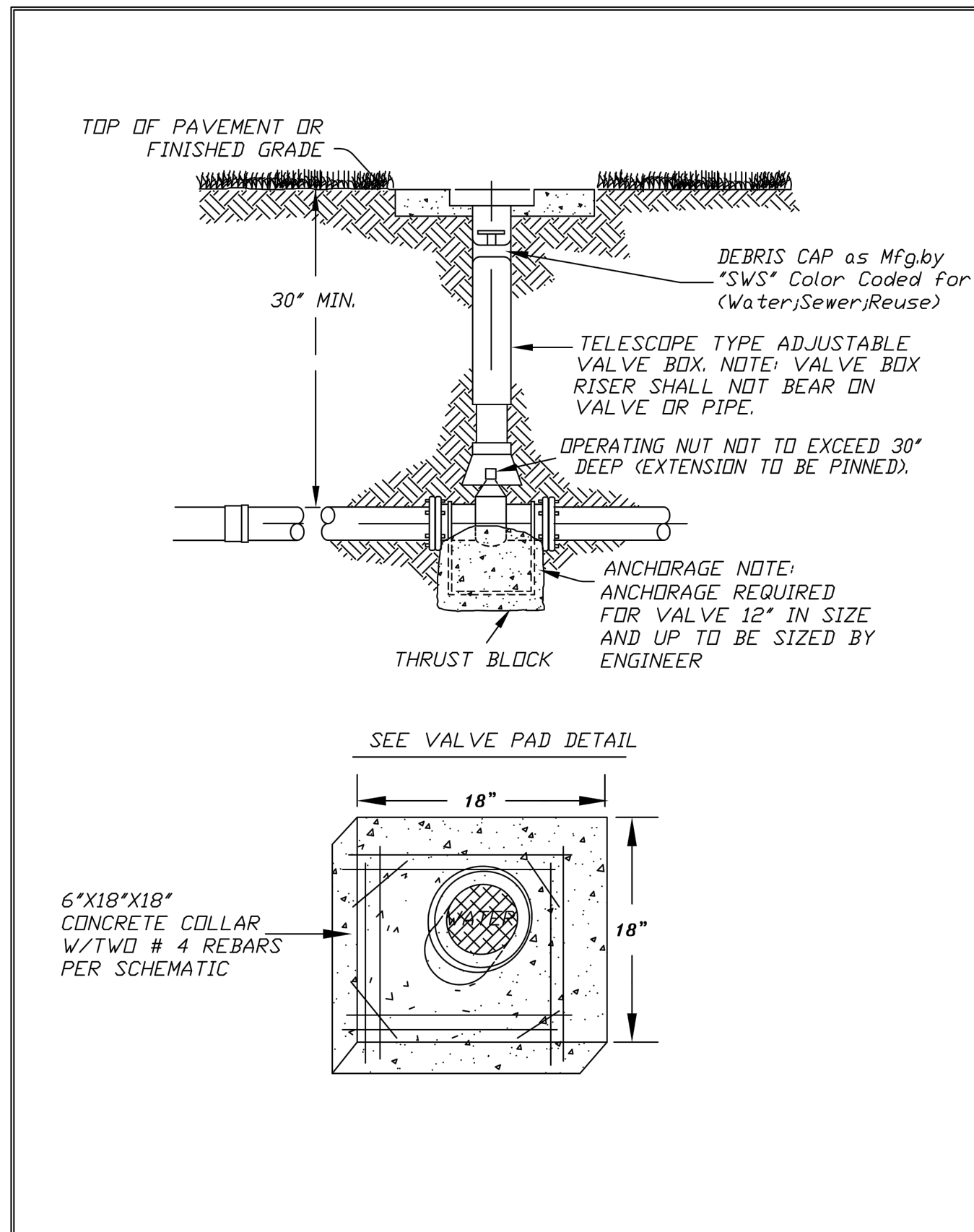


FOR: UTILITIES ENGINEERING DIVISION	CITY OF NAPLES
DATE: SEPT 2010	SHEET: U-04
DRAWN: TWS	DIR: UTILSTDS
SCALE: N.T.S.	DWG. U-04.DWG

THRUST BLOCKS NO. 1

380 RIVERSIDE CIRCLE, NAPLES, FL 34102

THIS DETAIL CONSTITUTES MINIMUM STANDARDS. DESIGN ENGINEERS SHALL PROVIDE STANDARDS EQUAL TO OR GREATER THAN THESE.

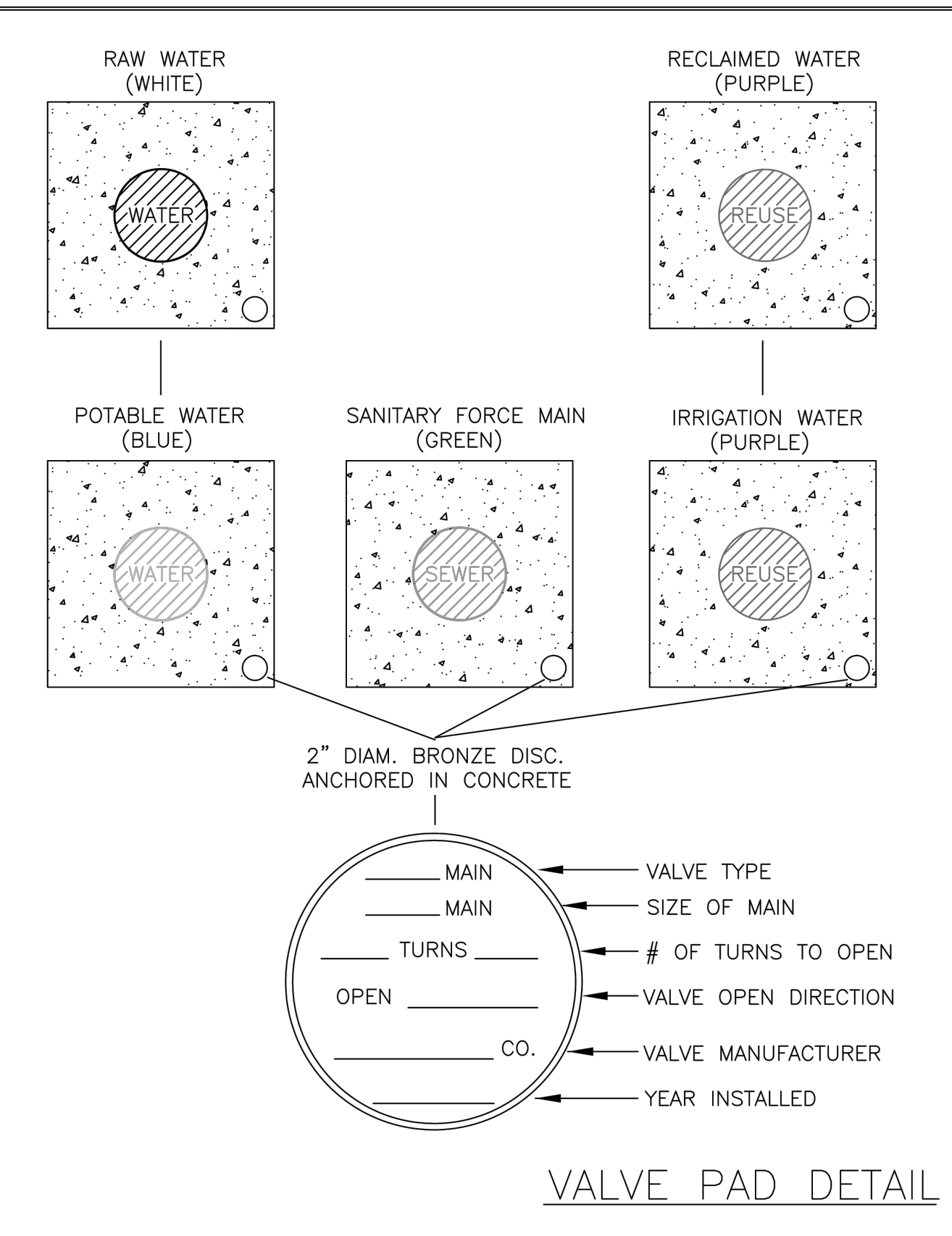


FOR: UTILITIES ENGINEERING DIVISION	CITY OF NAPLES
DATE: SEPT 2010	SHEET: U-14
DRAWN: TWS	DIR: UTILSTDS
SCALE: N.T.S.	DWG. U-14.DWG

TYPICAL IN-LINE VALVE (WATER/SEWER/REUSE)

380 RIVERSIDE CIRCLE, NAPLES, FL 34102

THIS DETAIL CONSTITUTES MINIMUM STANDARDS. DESIGN ENGINEERS SHALL PROVIDE STANDARDS EQUAL TO OR GREATER THAN THESE.

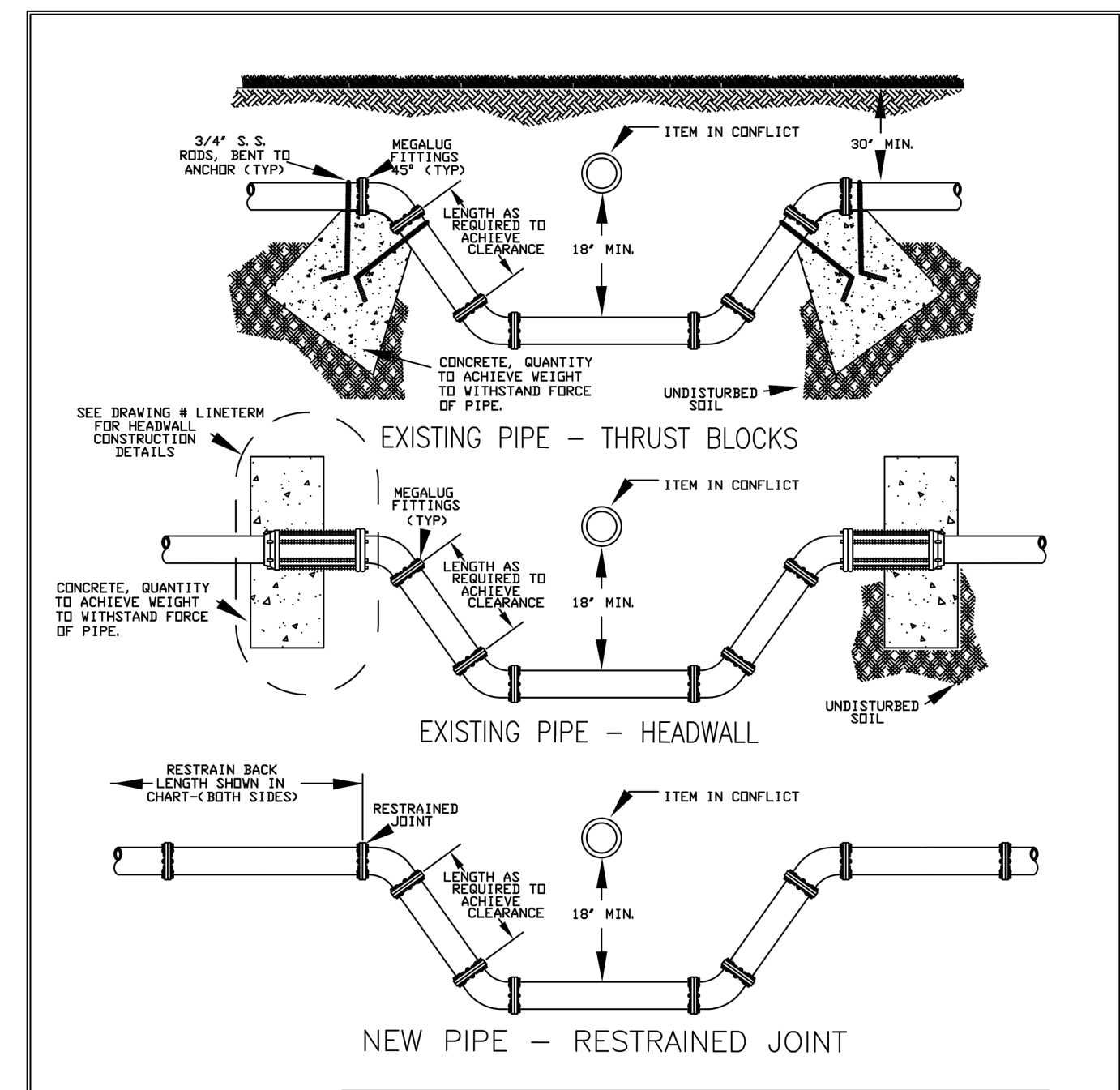


FOR: UTILITIES ENGINEERING DIVISION	CITY OF NAPLES
DATE: SEPT 2010	SHEET: U-15
DRAWN: JAF	DIR: UTILSTDS
SCALE: N.T.S.	DWG. U-15.DWG

VALVE PAD DETAIL

380 RIVERSIDE CIRCLE, NAPLES, FL 34102

THIS DETAIL CONSTITUTES MINIMUM STANDARDS. DESIGN ENGINEERS SHALL PROVIDE STANDARDS EQUAL TO OR GREATER THAN THESE.



FOR: UTILITIES ENGINEERING DIVISION	CITY OF NAPLES
DATE: SEPT 2010	SHEET: U-08
DRAWN: TWS	DIR: UTILSTDS
SCALE: N.T.S.	DWG. U-08.DWG

TYPICAL CONFLICT CROSSING

380 RIVERSIDE CIRCLE, NAPLES, FL 34102

THIS DETAIL CONSTITUTES MINIMUM STANDARDS. DESIGN ENGINEERS SHALL PROVIDE STANDARDS EQUAL TO OR GREATER THAN THESE.

PIPE SIZE IN INCHES	RESTRAINED PIPE LENGTH IN FEET (1)							
	HORIZONTAL BENDS				DEAD ENDS (2)		45° VERTICAL BENDS	
	90°	45°	22-1/2°	11-1/4°	UPPER	LOWER	UPPER	LOWER
4	23	9	5	2	55	23	8	
6	32	13	6	3	77	32	11	
8	41	17	8	4	100	41	14	
10	51	22	10	5	127	51	17	
12	61	27	13	6	157	61	20	
16	81	34	16	8	207	81	25	
18	91	39	18	9	240	91	28	
20	101	44	20	10	273	101	30	
24	121	51	24	12	342	121	35	
30	151	61	30	15	420	151	41	
36	181	71	36	18	507	181	47	

PIPE SIZE IN INCHES	RESTRAINED PIPE LENGTH IN FEET (1)	
	TEE (3)	REDUCER (4)
6 x 4	0	40
6 x 6	34	72
8 x 4	0	72
8 x 8	35	74
10 x 6	3	74
10 x 10	75	161
12 x 4	0	122
12 x 8	31	75
12 x 12	95	153
16 x 6	0	107
16 x 10	44	107
16 x 16	134	108
18 x 8	0	157
18 x 12	68	108
18 x 18	152	109
20 x 10	20	161
20 x 16	120	77
20 x 20	170	187
24 x 12	37	187
24 x 18	132	109
24 x 24	204	213
30 x 16	78	165
30 x 20	138	191
30 x 30	252	259
36 x 18	84	191
36 x 24	170	191
36 x 36	298	

NOTES:

- RESTRAIN ALL PIPE JOINTS WITHIN THE DISTANCE SHOWN ON THE TABLES MEASURED FROM THE POINT OF CONNECTION.
- ISOLATION VALVES SHALL BE TREATED AS DEAD ENDS. WITH RESTRAINT ON BOTH SIDES OF THE VALVE.
- RESTRAINT IS FOR BRANCH OF TEE. IF BRANCH SIZE IS NOT ON TABLE, USE NEXT LARGEST BRANCH.
- RESTRAINT IS FOR LARGE DIAMETER SIDE OF REDUCER. IF REDUCER SIZE IS NOT ON TABLE, USE NEXT SMALLER REDUCER (SMALL END).
- THIS SCHEDULE IS TO BE USED FOR DUCTILE IRON AND PVC PIPE.

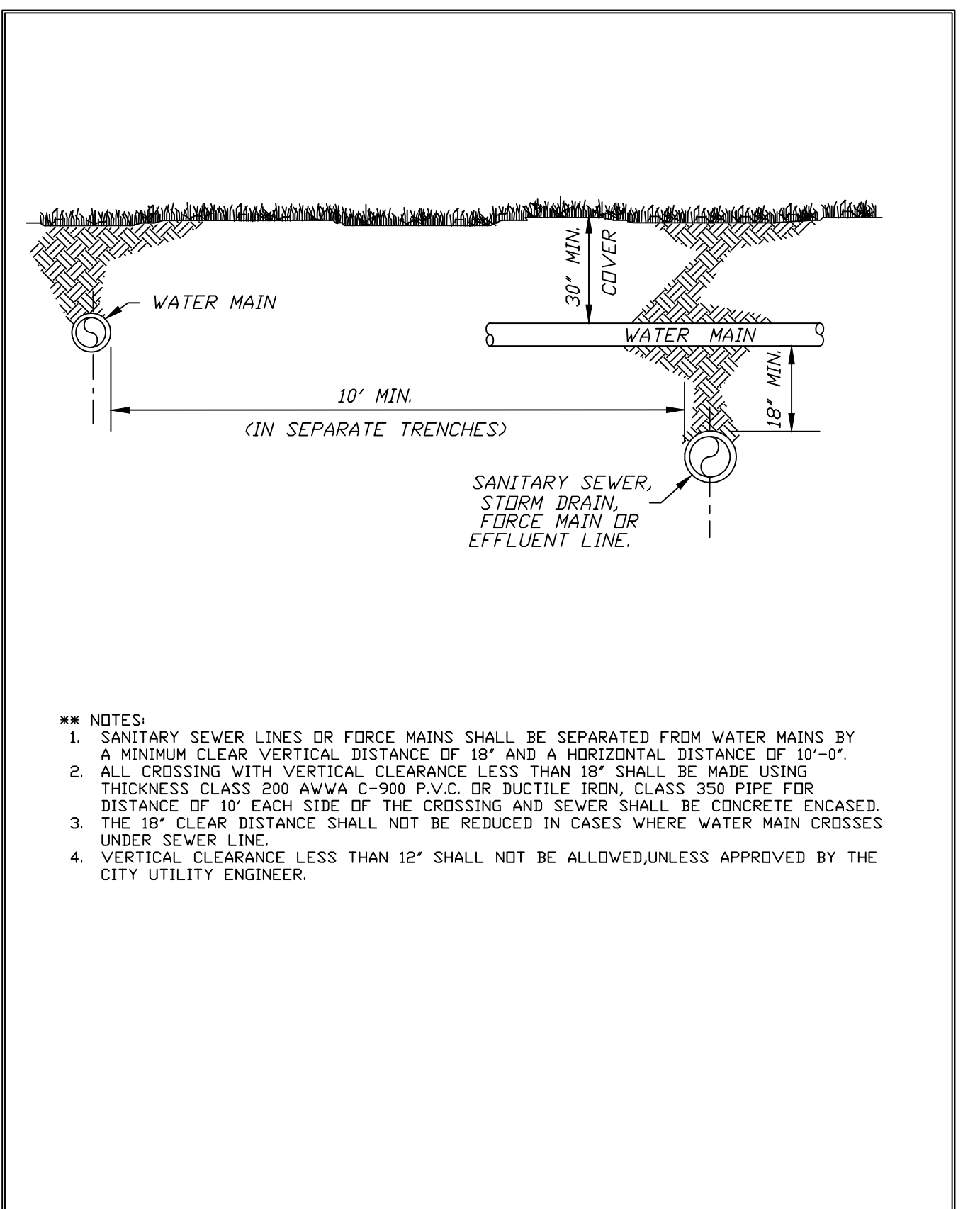
FOR: UTILITIES ENGINEERING DIVISION
 DATE: SEPT 2010
 DRAWN: TWS
 SCALE: N.T.S.

CITY OF NAPLES
 SHEET: U-09
 DIR: UTILSTDS
 DWG. U-09.DWG

PIPE RESTRAINT SCHEDULE

380 RIVERSIDE CIRCLE, NAPLES, FL 34102

THIS DETAIL CONSTITUTES MINIMUM STANDARDS. DESIGN ENGINEERS SHALL PROVIDE STANDARDS EQUAL TO OR GREATER THAN THESE.



FOR: UTILITIES DEPARTMENT	CITY OF NAPLES
DATE: JAN. 2016	SHEET: U-07
DRAWN: DAG/AMH	DIR: UTILSTDS
SCALE: N.T.S.	DWG. U-07-16.DWG

CROSS OVER

380 RIVERSIDE CIRCLE, NAPLES, FL 34102

THIS DETAIL CONSTITUTES MINIMUM STANDARDS. DESIGN ENGINEERS SHALL PROVIDE STANDARDS EQUAL TO OR GREATER THAN THESE.

H:\2023\2023017\DWG.CONSTRUCTION\SPR\34032DUD01.dwg Tab: 4917-07_UJ01 Aug 22, 2023 - 11:02am Plotted by: Corinnett@abnoki

LETTER	REVISIONS	DATE

NCH Healthcare System

NAPLES COMMUNITY HOSPITAL
 NCH HEART VASCULAR & STROKE INSTITUTE EXPANSION

DESIGNED BY W.T.C.	DATE 3/23
DRAWN BY G.J.G.	DATE 3/23
CHECKED BY W.T.C.	DATE 3/23
VERTICAL SCALE N/A	HORIZONTAL SCALE NOTED

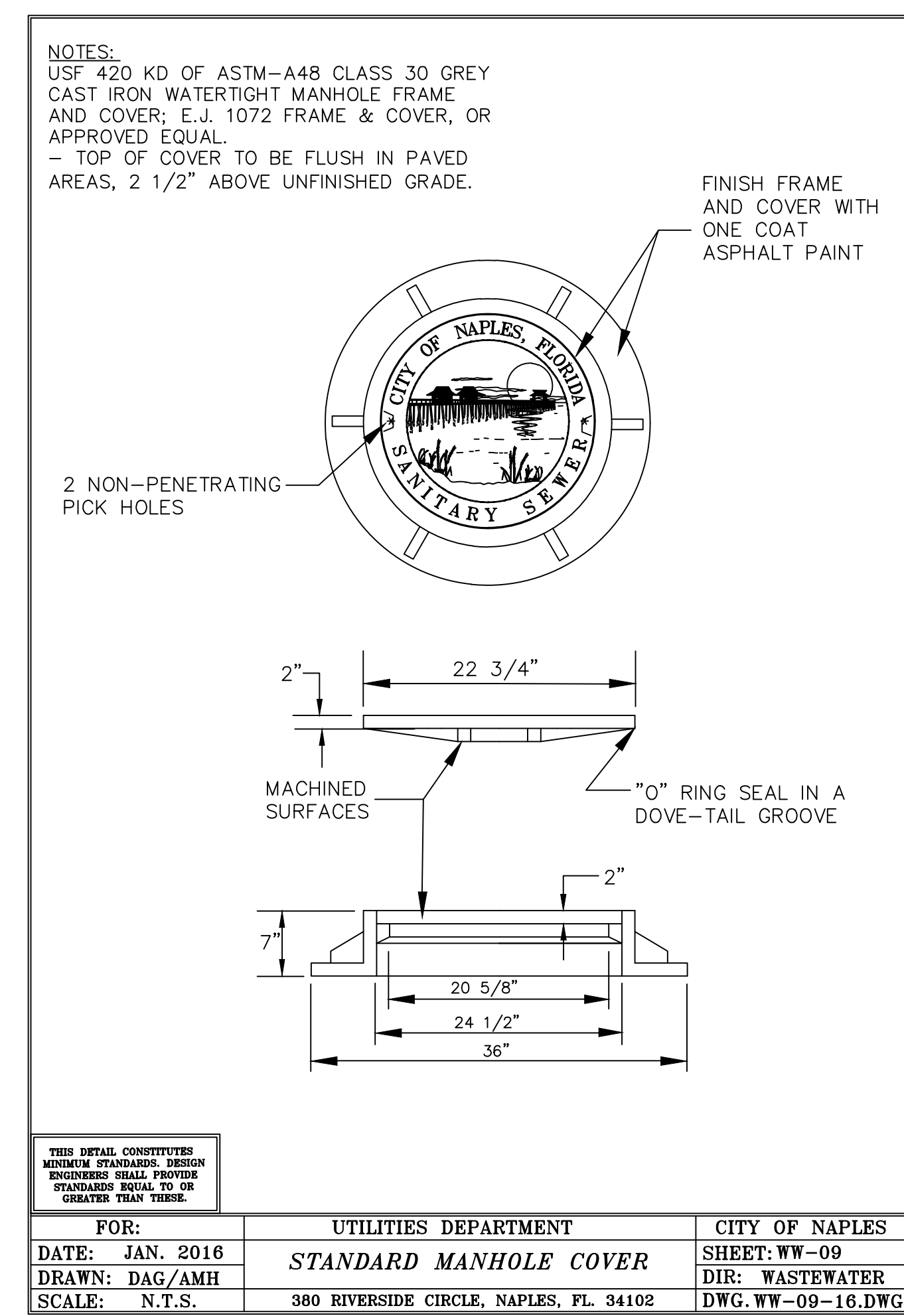
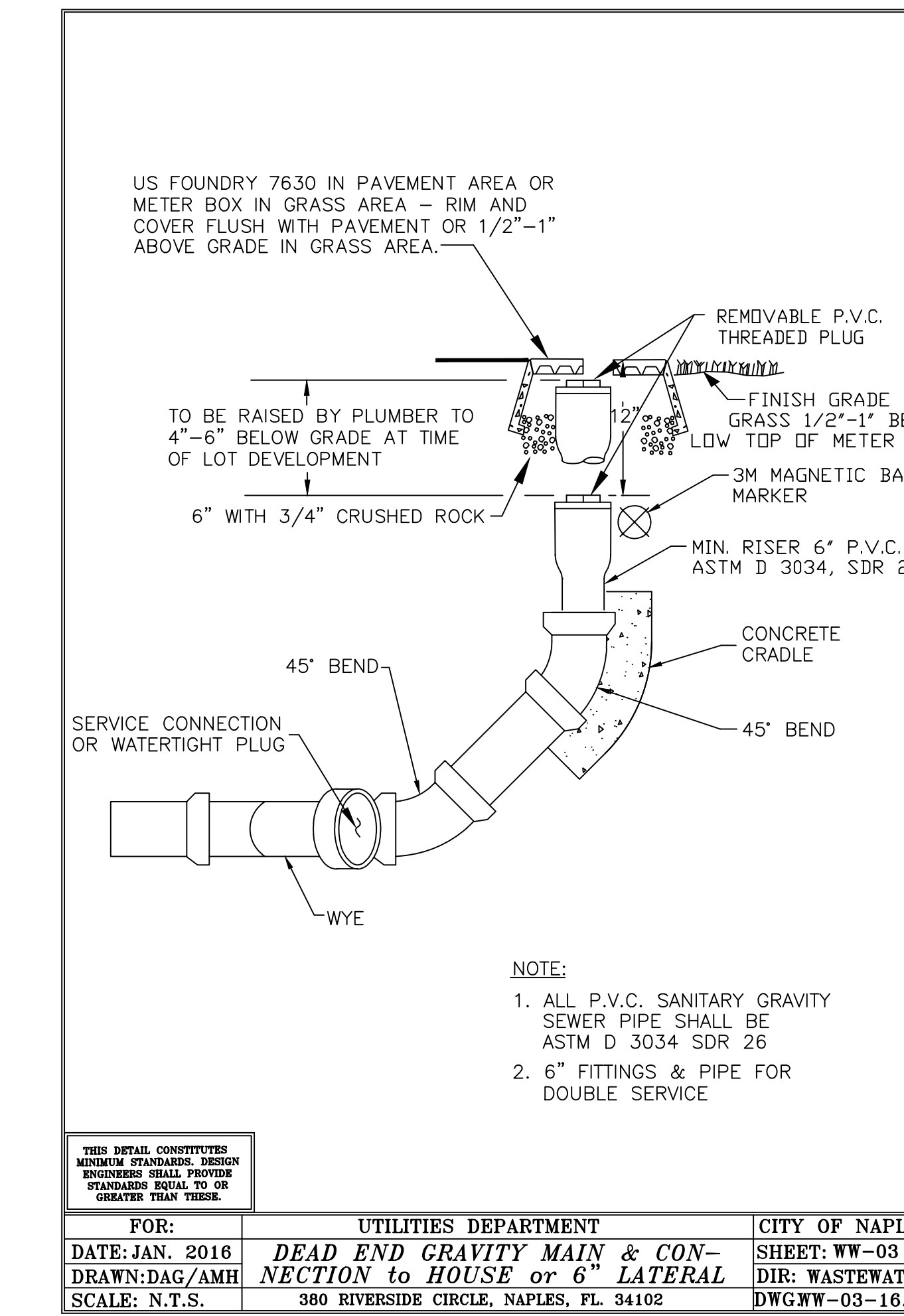
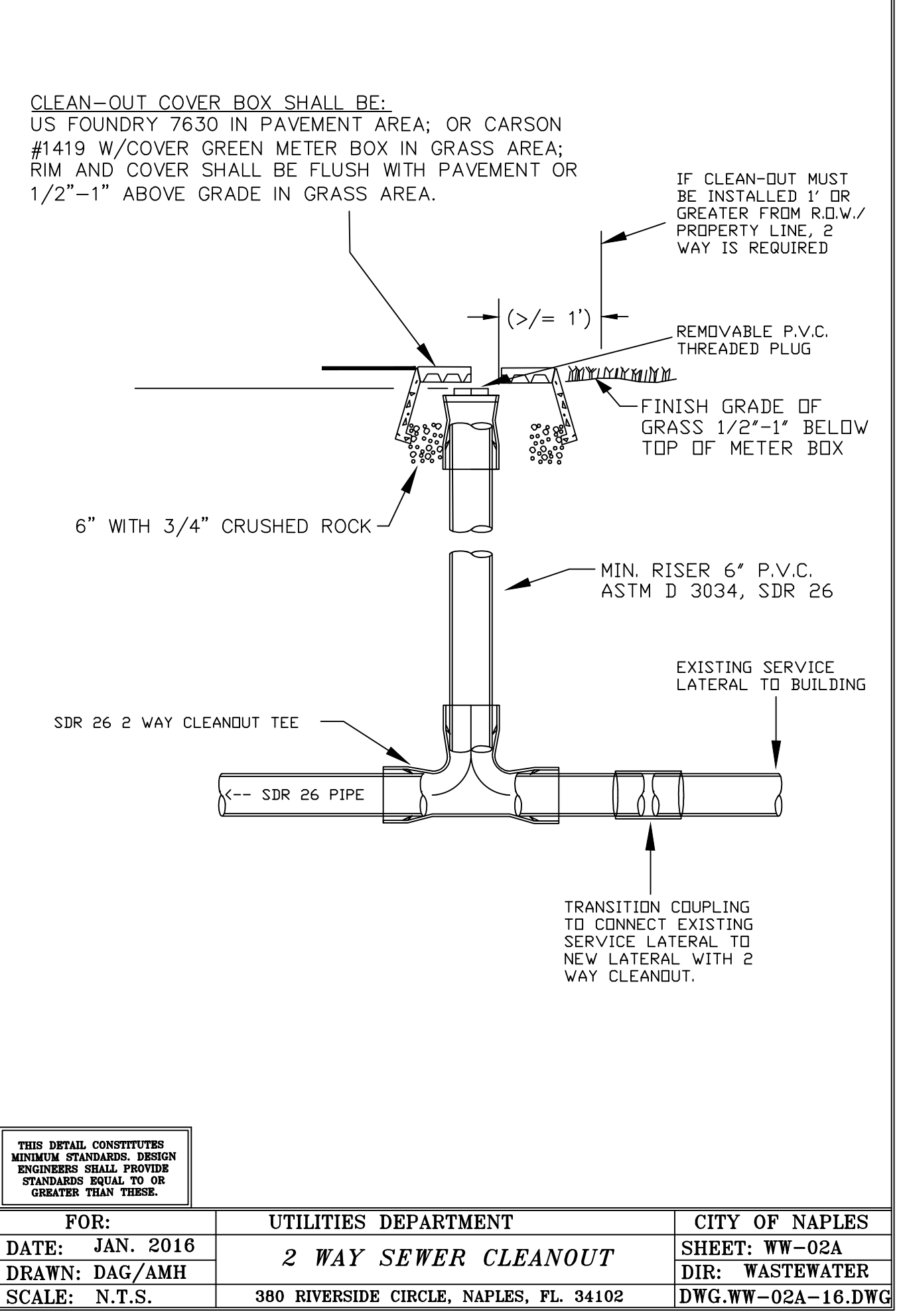
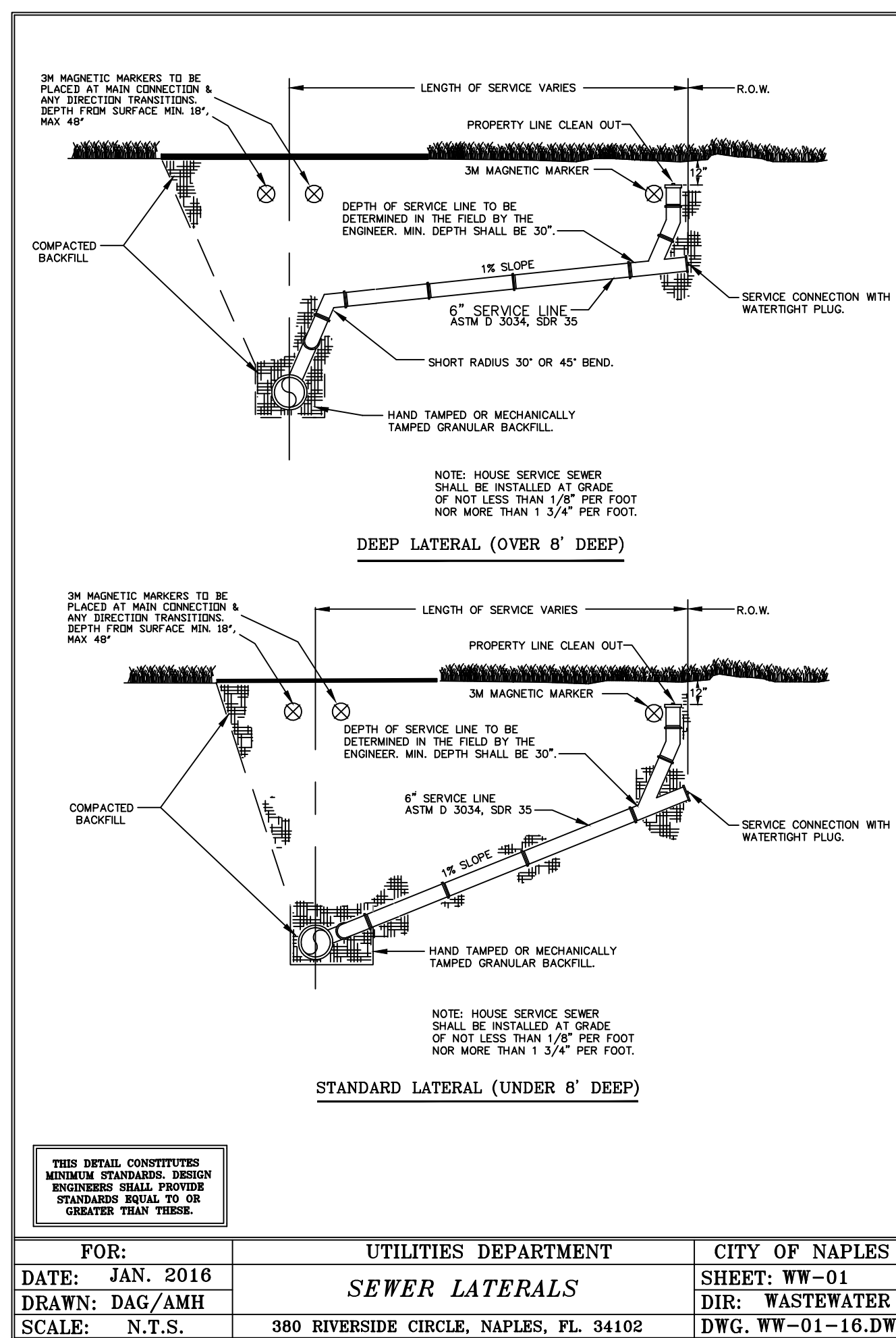
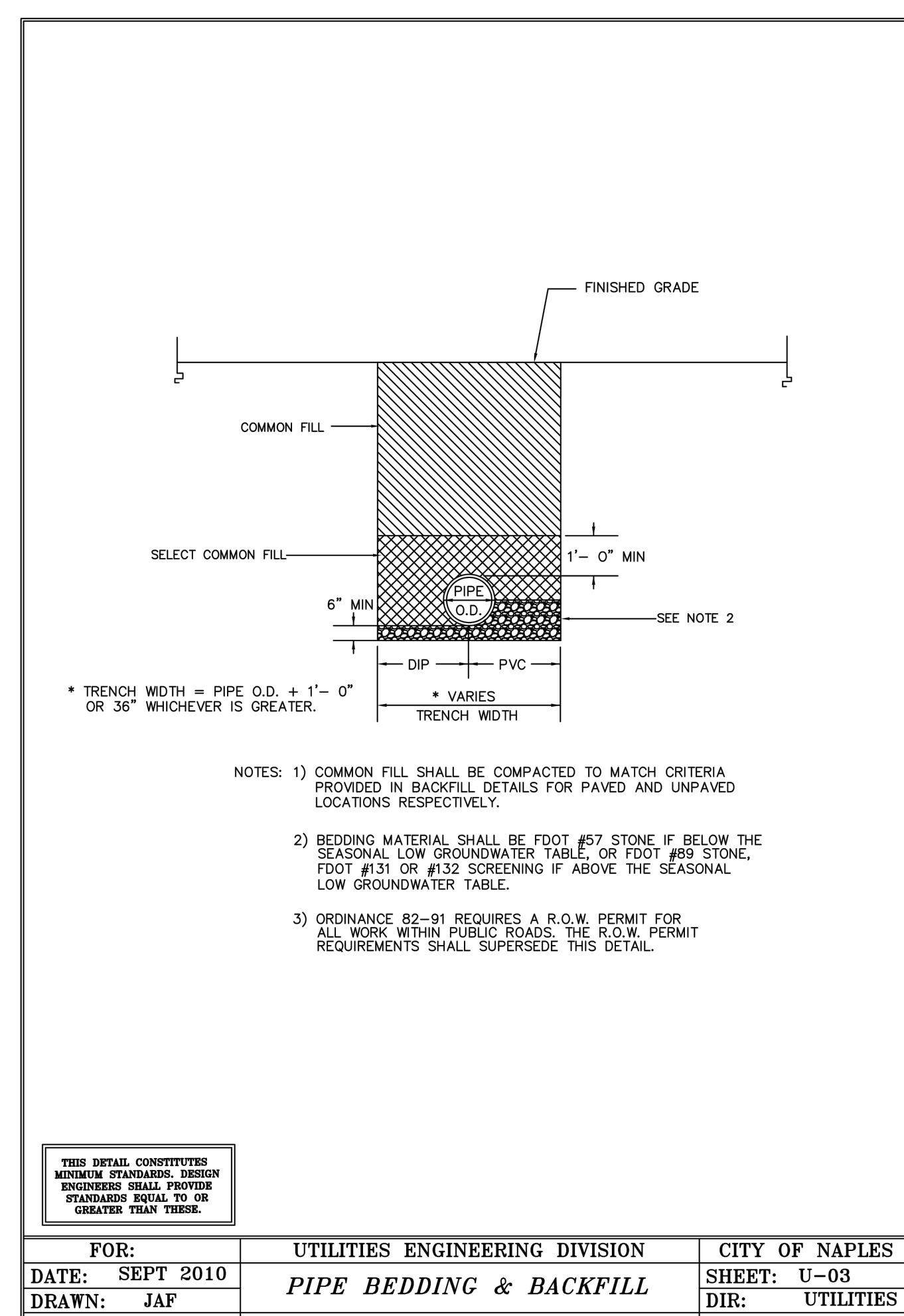
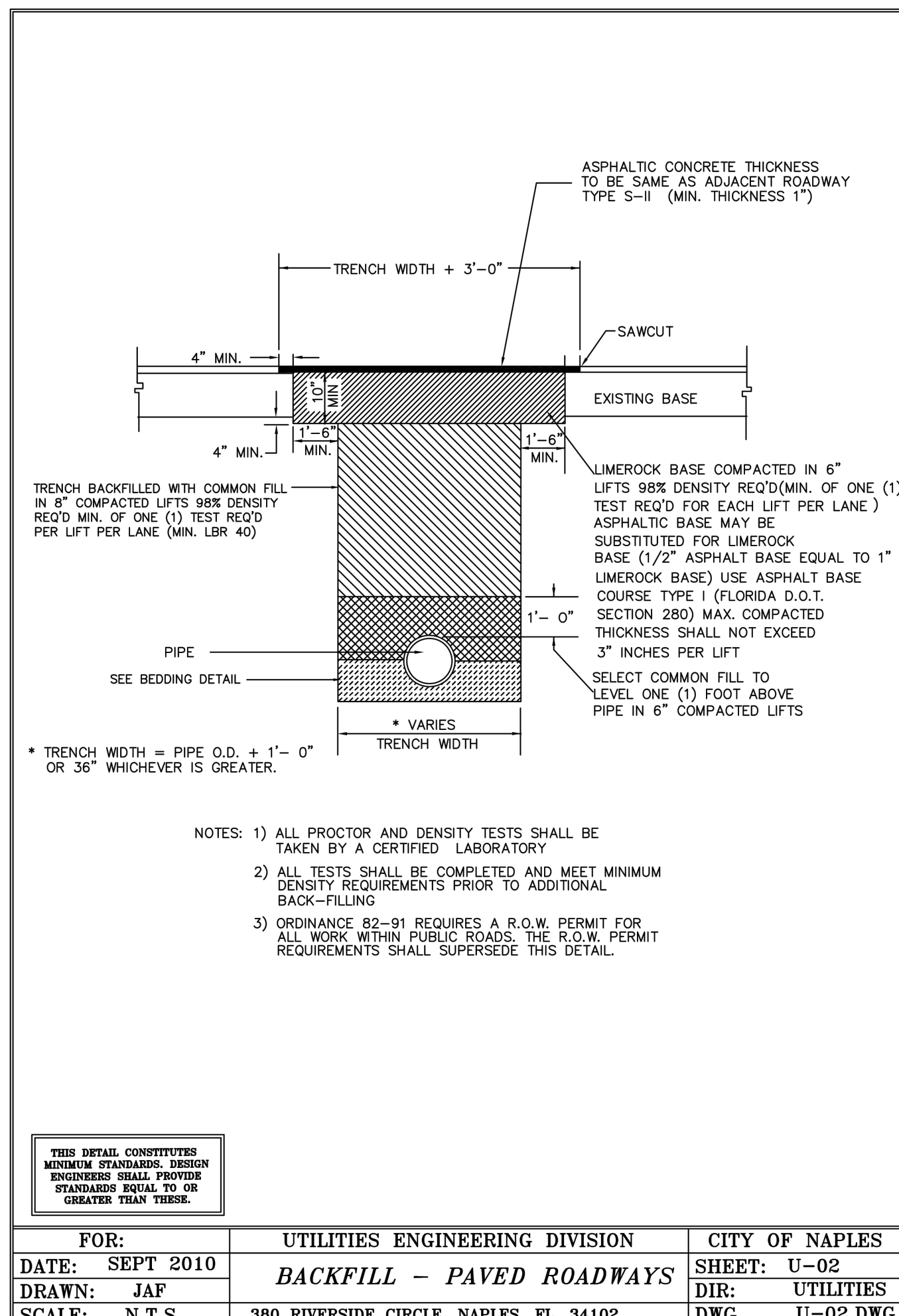
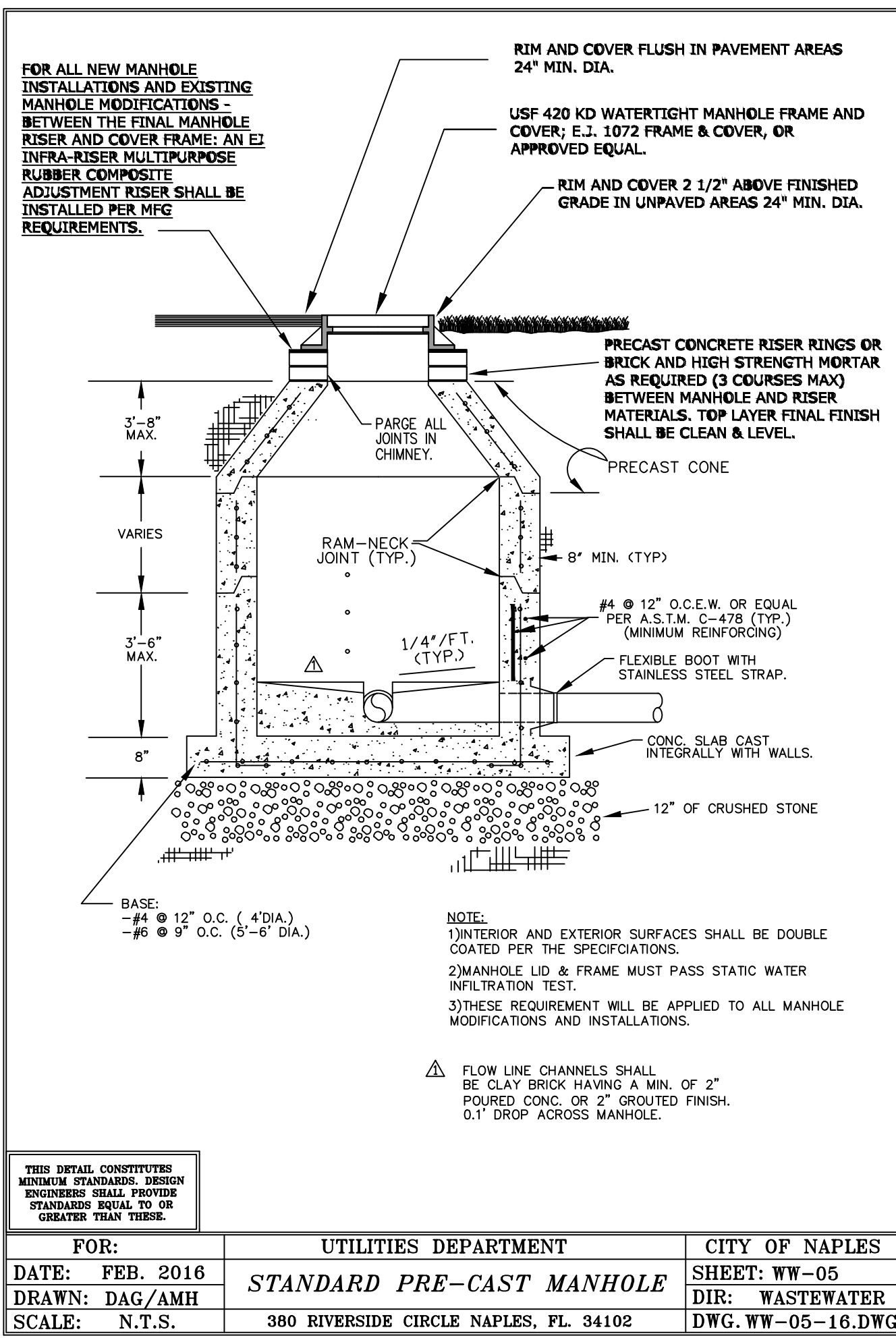
H.M. HOLE MONTES
 ENGINEERS-PLANNERS-SURVEYORS

950 Encore Way
 Naples, FL. 34110
 Phone: (239) 254-2000
 Florida Certificate of
 Authorization No.1772

UTILITY DETAILS

ENGINEER: W. TERRY COLE, P.E. LICENSE No. 42347

REFERENCE NO.	DRAWING NO.
5032DUD01	5032-16
PROJECT NO.	SHEET NO.
2023.017	16 OF 22
DATE	



H:\2023\2023017\DWG\CONSTRUCTION\SDPA\5032SD01.dwg Tab: 4817-07_LJDD1 Aug 22, 2023 - 11:03am Plotted by: Corrett@robawski

DOWNTOWN NAPLES HOSPITAL BAKER ED EXP. HM 2000.310

LETTER	REVISIONS	DATE

NCH
 Healthcare System

NAPLES COMMUNITY HOSPITAL
 NCH HEART VASCULAR &
 STROKE INSTITUTE EXPANSION

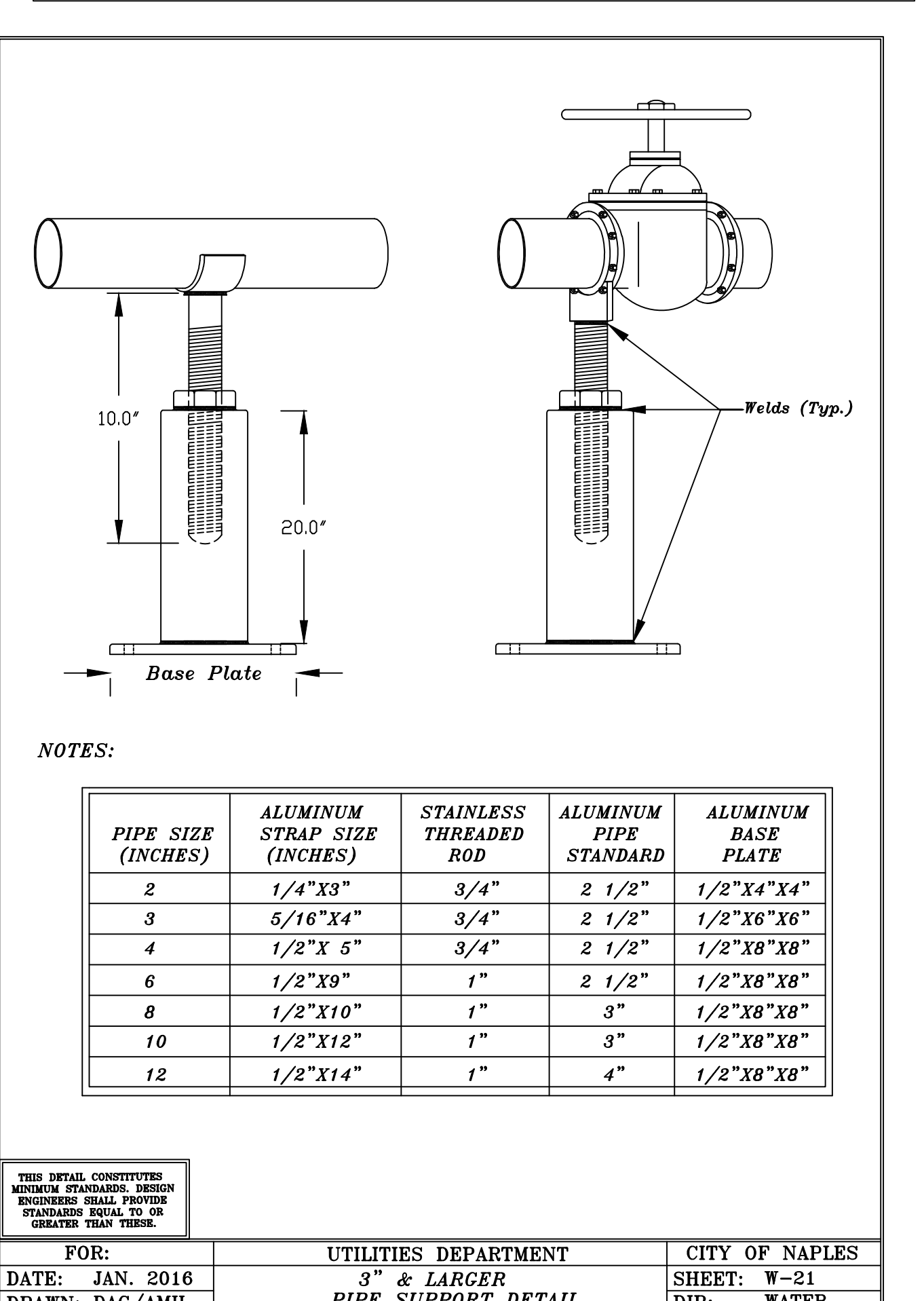
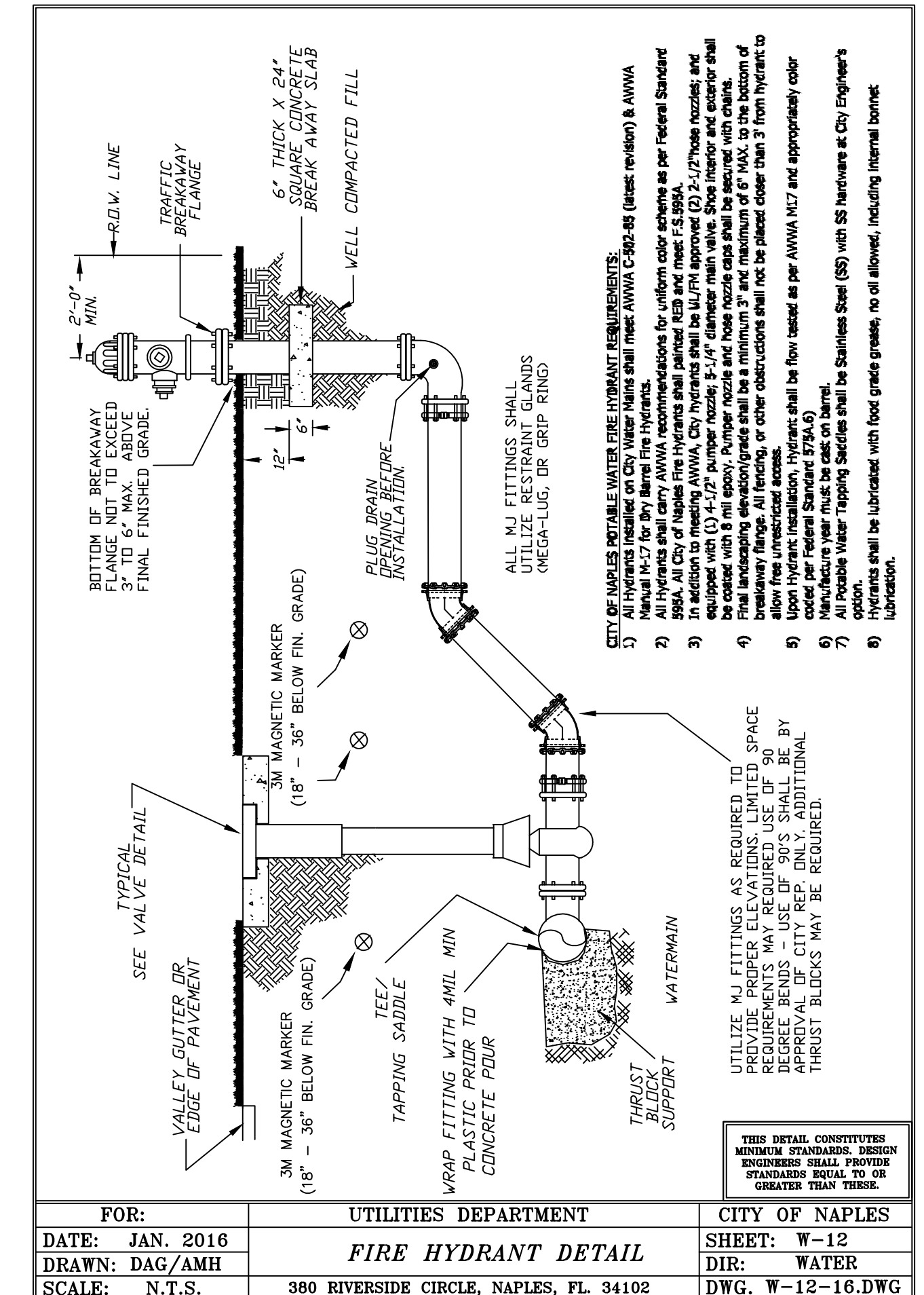
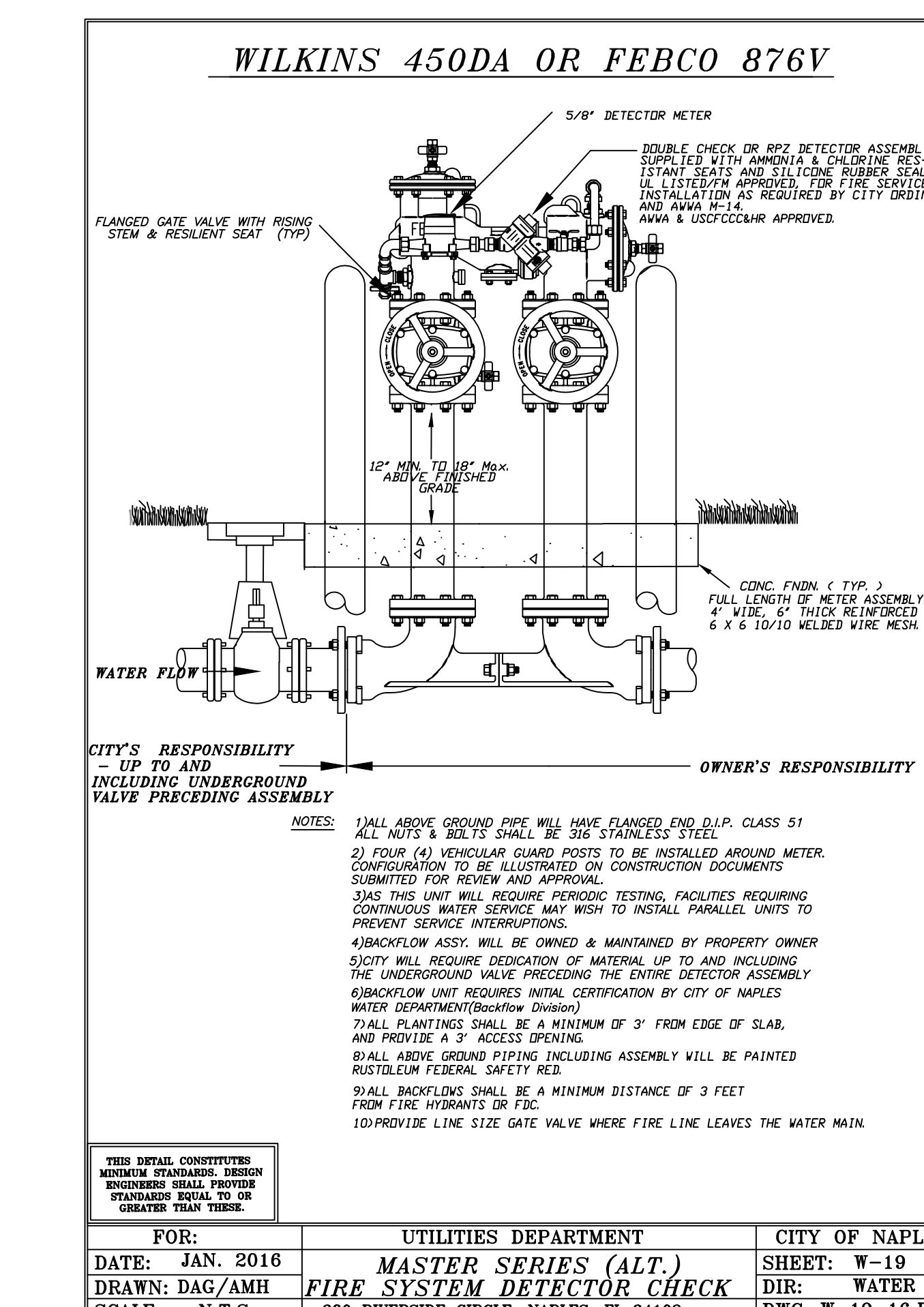
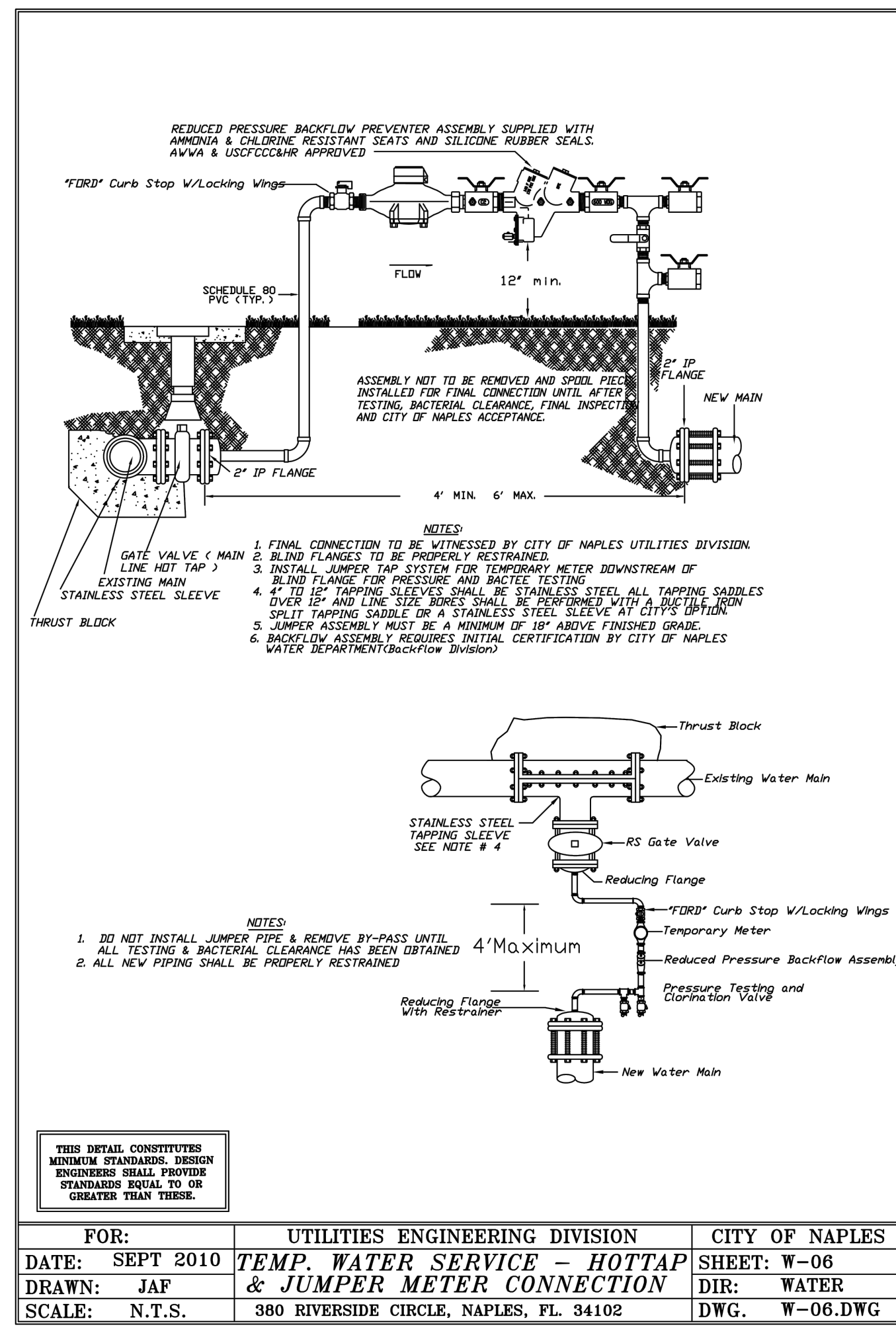
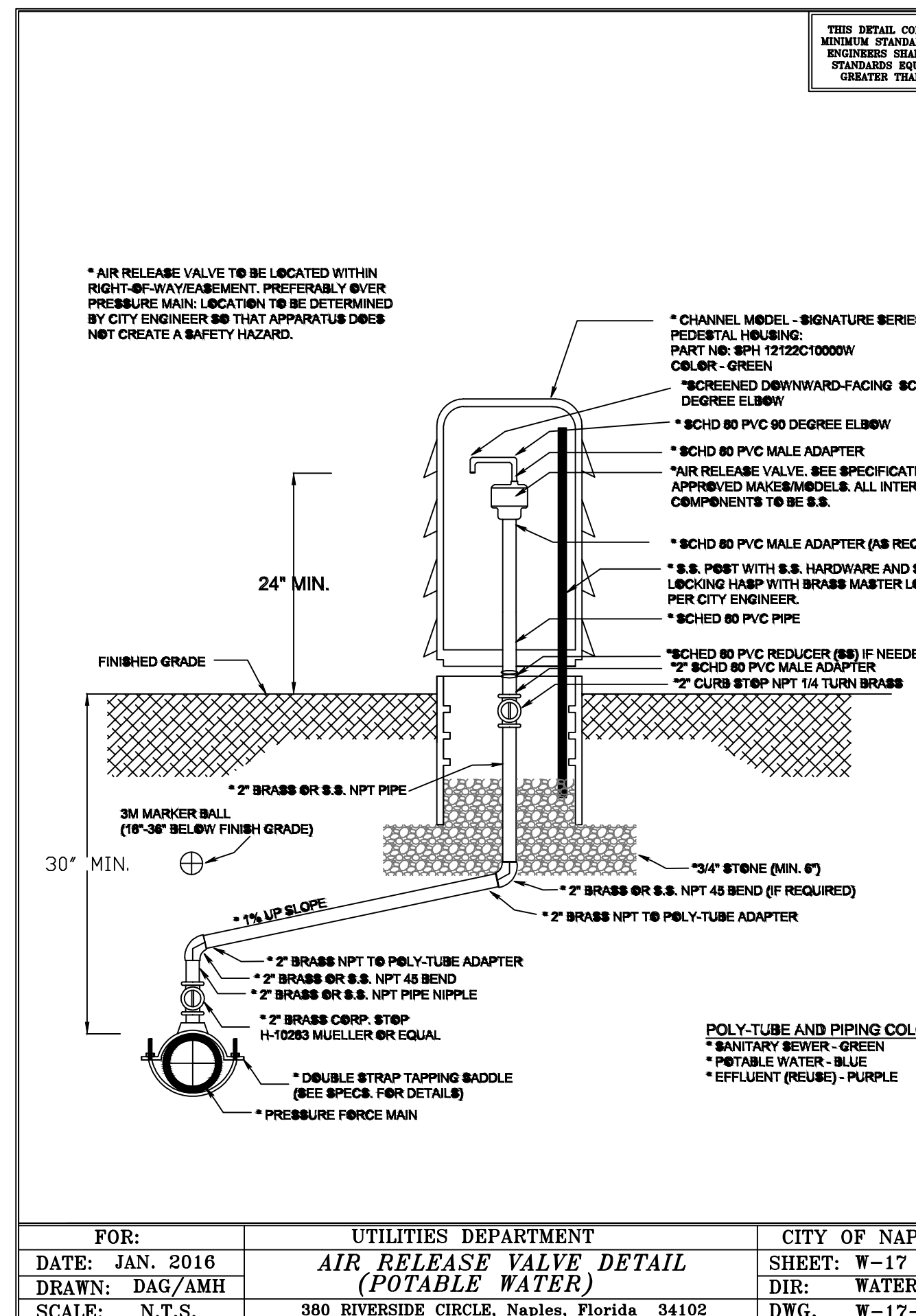
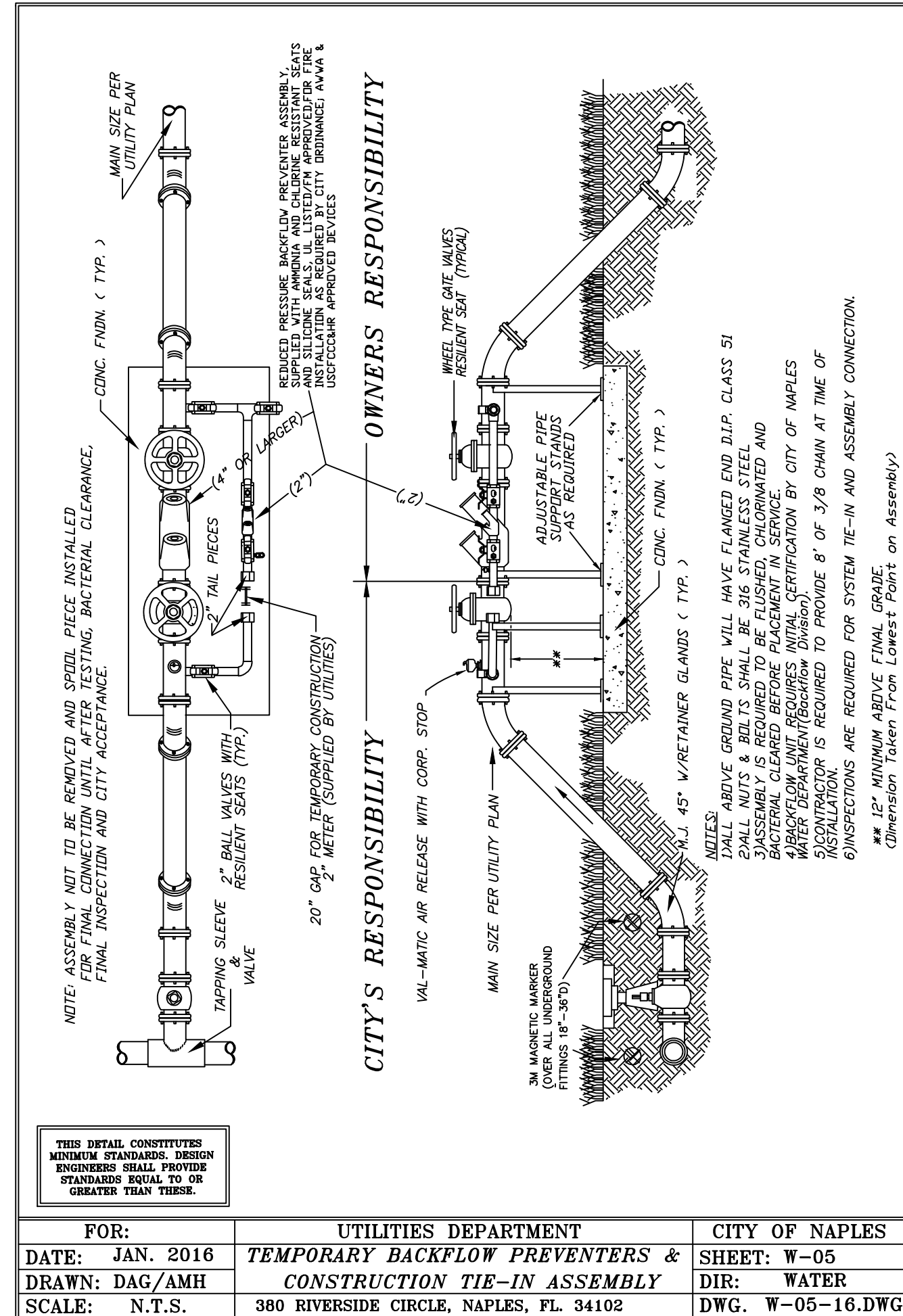
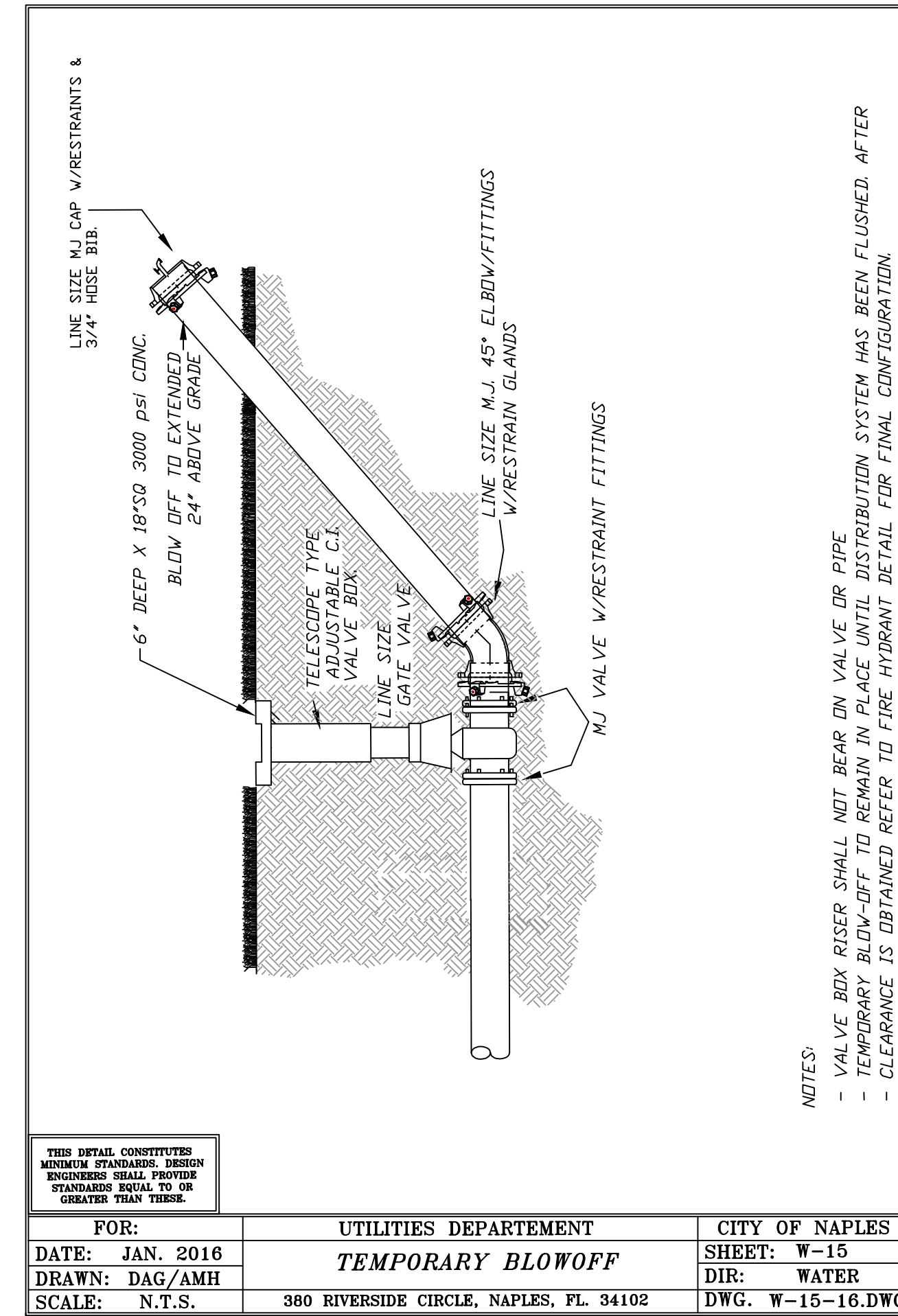
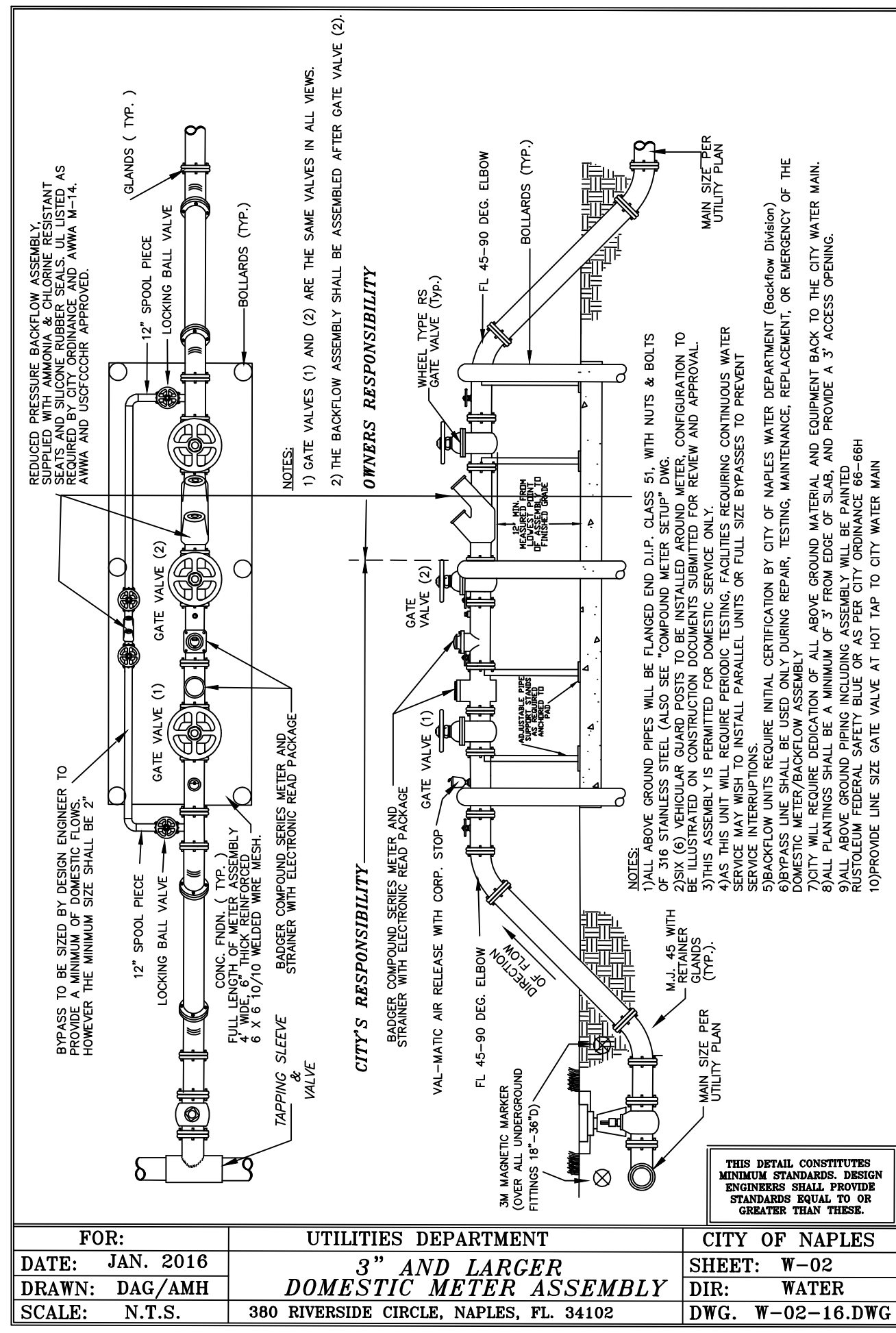
DESIGNED BY	W.T.C.	DATE	5/23
DRAWN BY	G.J.G	DATE	5/23
CHECKED BY	W.T.C.	DATE	5/23
VERTICAL SCALE	N/A	HORIZONTAL SCALE	NOTED

HM
 HOLE MONTES
 ENGINEERS-PLANNERS-SURVEYORS

950 Encore Way
 Naples, FL. 34110
 Phone: (239) 254-2000
 Florida Certificate of
 Authorization No.1772

**UTILITY AND
 SANITARY SEWER DETAILS**

ENGINEER:	W. TERRY COLE, P.E.	LICENSE No.	42347
REFERENCE NO.	5032SD01	DRAWING NO.	5032-17
PROJECT NO.	2023.017	SHEET NO.	17 OF 23
DATE			



LETTER	REVISIONS	DATE

NCH Healthcare System
NAPLES COMMUNITY HOSPITAL NCH HEART VASCULAR & STROKE INSTITUTE EXPANSION

DESIGNED BY	DATE
W.I.C.	3/23
DRAWN BY	DATE
G.J.G.	3/23
CHECKED BY	DATE
W.I.C.	3/23
VERTICAL SCALE	HORIZONTAL SCALE
N/A	NOTED

H.M. HOLE MONTES ENGINEERS-PLANNERS-SURVEYORS

950 Encore Way
 Naples, FL. 34110
 Phone: (239) 254-2000
 Florida Certificate of
 Authorization No.172

WATER DETAILS

ENGINEER: W. TERRY COLE, P.E. LICENSE No. 42347

REFERENCE NO.	DRAWING NO.
5032WD01	5032-18
PROJECT NO.	SHEET NO.
2023.017	18 OF 22

FLARED END SECTION DIMENSIONS																	
DIA.	T	REF. SQ. W/L	BELL OF SPIGOT	A	B	C	D	E	P	R1	R2	FLAT	WEIGHT (LBS.)	h	TOE WALL CLASS I CONC. (MSC.) CY		
12"	2"	0.07	1 1/2"	4"	2'-0"	4'-0"	7/8"	6'-0"	7/8"	2'-0"	19 15/16"	10 1/8"	9"	3 1/2"	530	12"	0.06
15"	2 1/4"	0.07	2"	6"	2'-3"	3'-10"	6'-1"	2'-6"	24 5/16"	12 1/2"	11"	3 1/2"	740	12"	0.07		
18"	2 1/2"	0.07	2 1/2"	9"	2'-3"	3'-10"	6'-1"	3'-0"	29"	15 1/2"	12"	4"	990	15"	0.11		
21"	2 3/4"	0.07	2 1/4"	9"	2'-11"	3'-2"	6'-1"	3'-6"	31 5/8"	16 1/8"	13"	4"	1280	15"	0.12		
24"	3"	0.07	2 1/2"	9 1/2"	3'-7 1/2"	2'-6"	6'-1 1/2"	4'-0"	33 3/16"	16 13/16"	14"	4 1/2"	1520	18"	0.17		
27"	3 1/4"	0.148	2 1/2"	10 1/2"	4'-0"	2'-1 1/2"	6'-1 1/2"	4'-6"	36"	18 9/16"	14 1/2"	4 1/2"	1930	18"	0.19		
30"	3 1/2"	0.148	3"	1'-0"	4'-6"	1'-7 3/4"	6'-1 3/4"	5'-0"	37"	18 1/2"	15"	5"	2190	21"	0.24		

FOR PIPE SIZES 36" AND LARGER REFER TO F.D.O.T. INDEX 270, SHEET 1 OF 1.

1599CGP
APPROX. DRAIN AREA = 81.25 SQ IN
APPROX. WEIGHT WITH FRAME = 53.70 LBS

HINGED GRATE FOR EASY ACCESS

THE PRINT DISCLOSES SUBJECT MATTER IN WHICH NYLOPLAST HAS PROPRIETARY RIGHTS. THE RECEIPT OR POSSESSION OF THIS PRINT DOES NOT CONFER, TRANSFER, OR LICENSE THE USE OF THE DESIGN OR TECHNICAL INFORMATION SHOWN HEREIN. REPRODUCTION OF THIS PRINT OR ANY INFORMATION CONTAINED HEREIN, OR MANUFACTURE OF ANY ARTICLE HEREFROM FOR THE DISCLOSURE TO OTHERS IS FORBIDDEN, EXCEPT BY SPECIFIC WRITTEN PERMISSION FROM NYLOPLAST.

DRAWN BY	DATE	MATERIAL	3100 VERONA AVE BRIARCLIFF, GA 30014 PH (770) 832-3442 FAX (770) 832-9400 www.nyloplast-us.com
DATE	3-7-06	DUCTILE IRON	
REVISED BY	DATE	PROJECT NO./NAME	TITLE
DATE	3-13-10		15 IN PEDESTRIAN GRATE ASSEMBLY
DWG NO.	7001-110-207	SCALE	1:8
SHEET	1 OF 1		

FLARED END SECTION

SECTION A-A
SECTION B-B

WATER CONTROL STRUCTURE (WCS-02)(WEST BASIN)

SECTION A-A
SECTION B-B

GENERAL NOTES:

- Work this Index with Index 425-001 and Index 425-010.
- Conform to the finished grade and slope of the inlet tops with the finished cross slope and grade of the proposed sidewalk and/or border.
- For inlets constructed on a curve, refer to the plans to determine the radius. Bend steel when necessary.
- Use Grade 60 reinforcing bars with 1 1/2" minimum cover unless otherwise shown, see Sheet 6 for equivalent area Welded Wire Reinforcement details.
- Inlet tops may be either cast-in-place or precast concrete. Conform precast units to the dimensions shown or in accordance with approved shop drawings.
- Corner fillets are required at inlet opening for precast units or C-I-P units used in conjunction with circular inlet bottoms or skewed rectangular inlet boxes. Finish top of fillets flush with drain throat bottom and match slope.
- For Type E curb and gutter, transition the shape of the curb over the gutter transition length to match the face of the inlet (Type F1).
- Meet the requirements of ASTM A36/A36M with steel used for frames and grates.
- Use either cast iron grates or steel grates.

CURB INLET TOP TYPES 5 AND 6

Sheet	Description
1	General Notes and Contents
2	Type 5 and 6 Dimensional Details
3	Type 5 and 6 Reinforcing and Bar Bending Details
4	Precast Dimensional and Reinforcing Details
5	Cast-In-Place Dimensional and Reinforcing Details
6	Alternate Welded Wire Reinforcing (WWR) Details
7	Grate, Anchor, and Grouting Details

LAST REVISION	DESCRIPTION	FY 2023-24 STANDARD PLANS	INDEX	SHEET
11/01/20			425-021	1 of 7

WATER CONTROL STRUCTURE (EX. WCS-01)(EAST BASIN)

SECTION A-A
SECTION B-B

H:\2023\2023017\DWG\CONSTRUCTION\SDPA\5032DUD01.dwg Tab: 4817-07_LJDD1 Aug 22, 2023 11:04am Plotted by: GarrettGrubowski

LETTER	REVISIONS	DATE

NCH Healthcare System
NAPLES COMMUNITY HOSPITAL
NCH HEART VASCULAR & STROKE INSTITUTE EXPANSION

DESIGNED BY	DATE
W.T.C.	5/23
DRAWN BY	DATE
G.J.G.	5/23
CHECKED BY	DATE
W.T.C.	5/23
VERTICAL SCALE	HORIZONTAL SCALE
N/A	NOTED

H.M. HOLE MONTES
ENGINEERS-PLANNERS-SURVEYORS

950 Encore Way
Naples, FL 34110
Phone: (239) 254-2000
Florida Certificate of Authorization No.1772

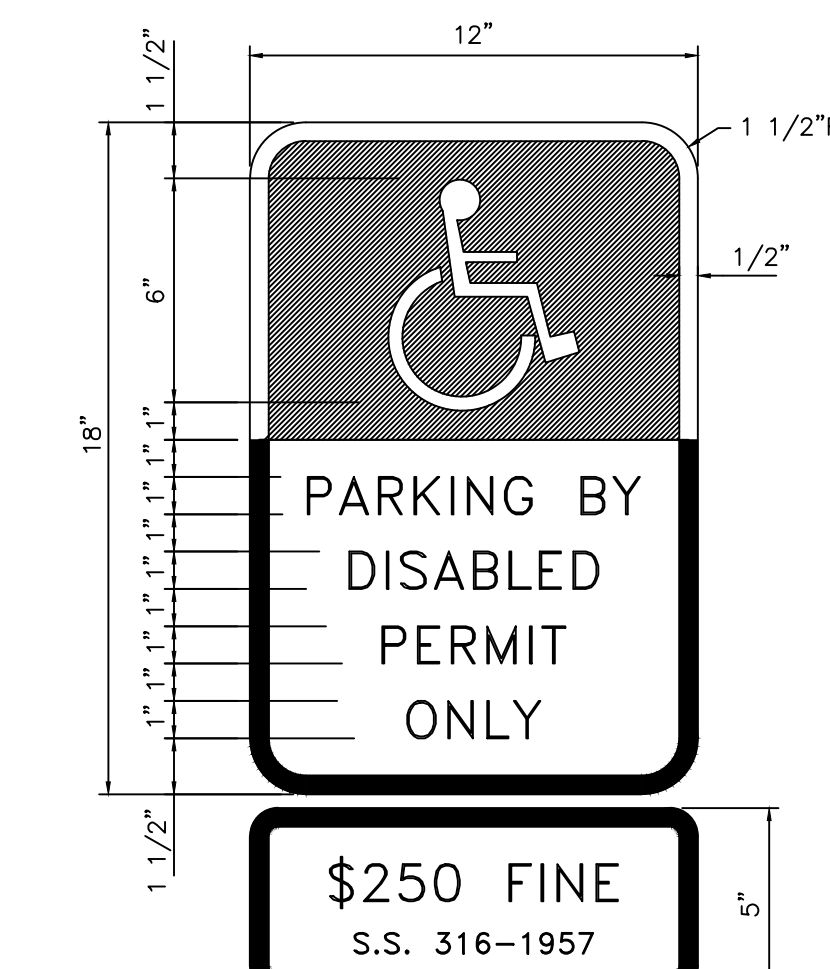
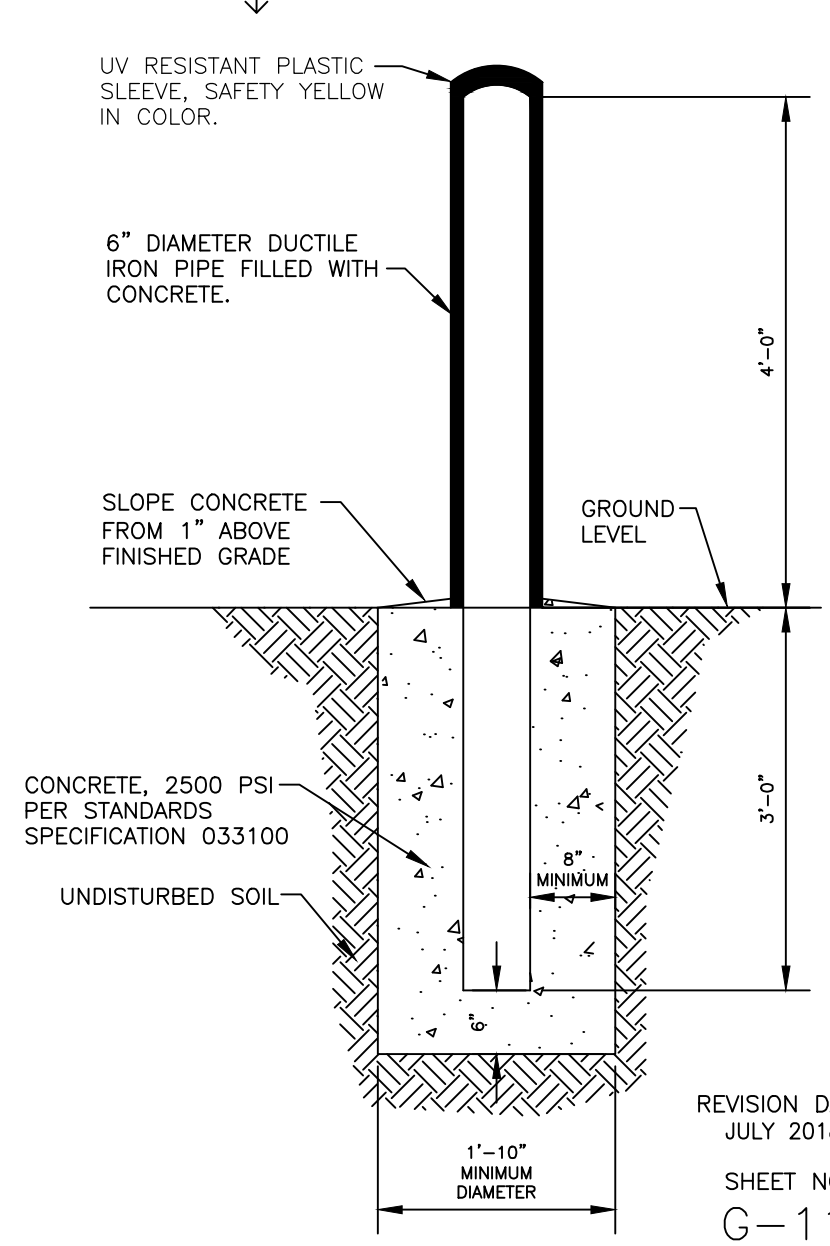
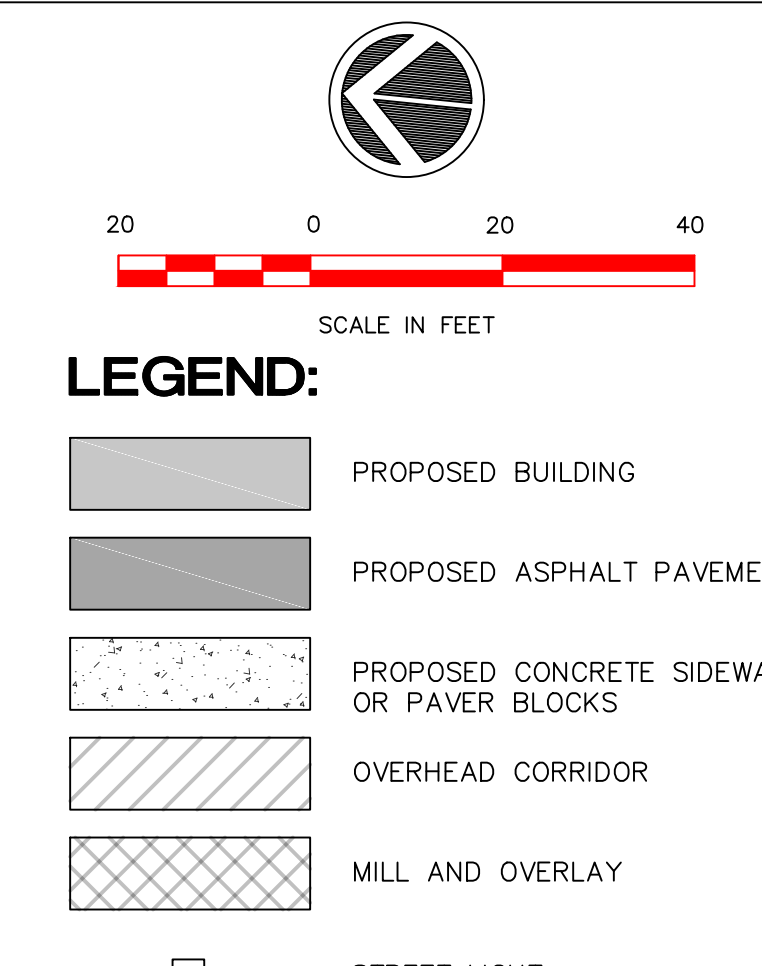
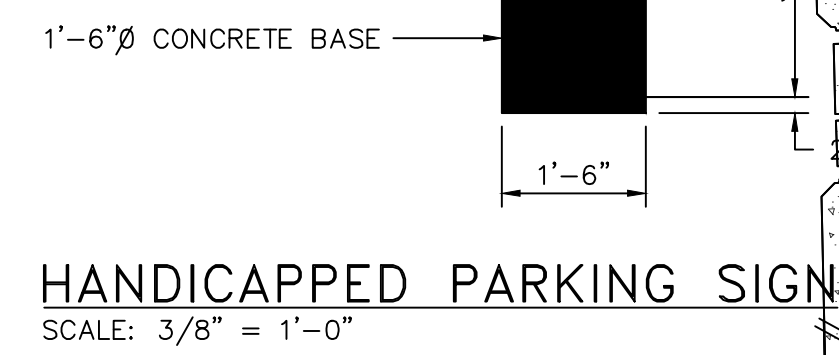
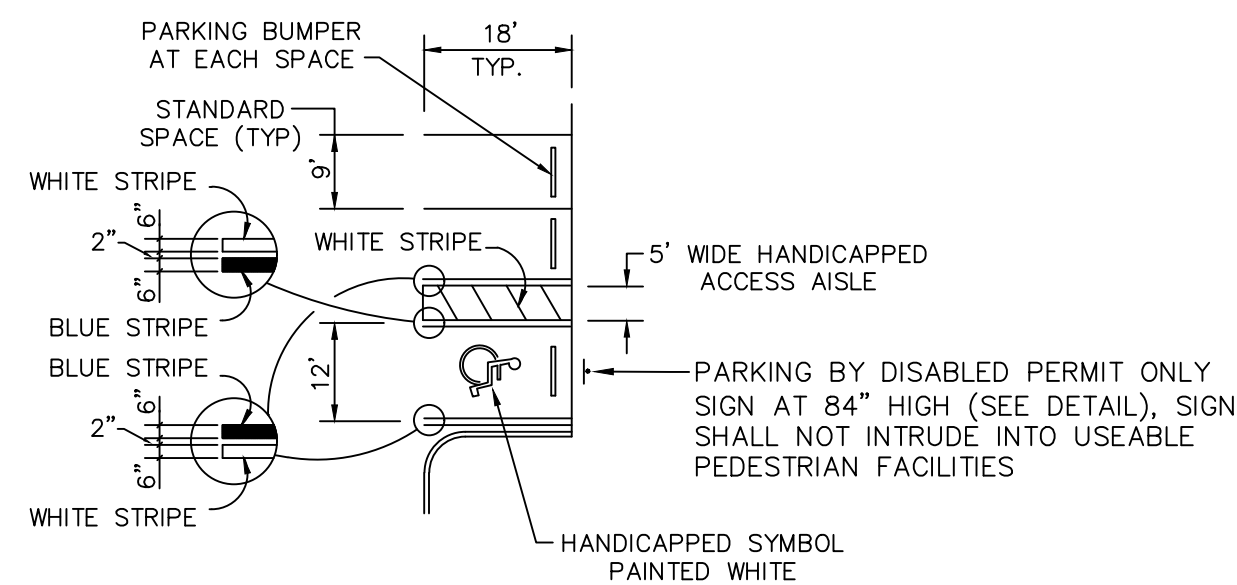
STORM DRAINAGE DETAILS

ENGINEER:	W. TERRY COLE, P.E.	LICENSE No.	42347
REFERENCE NO.	5032DUD01	DRAWING NO.	5032-19
PROJECT NO.	2023.017	SHEET NO.	19 of 23
DATE			

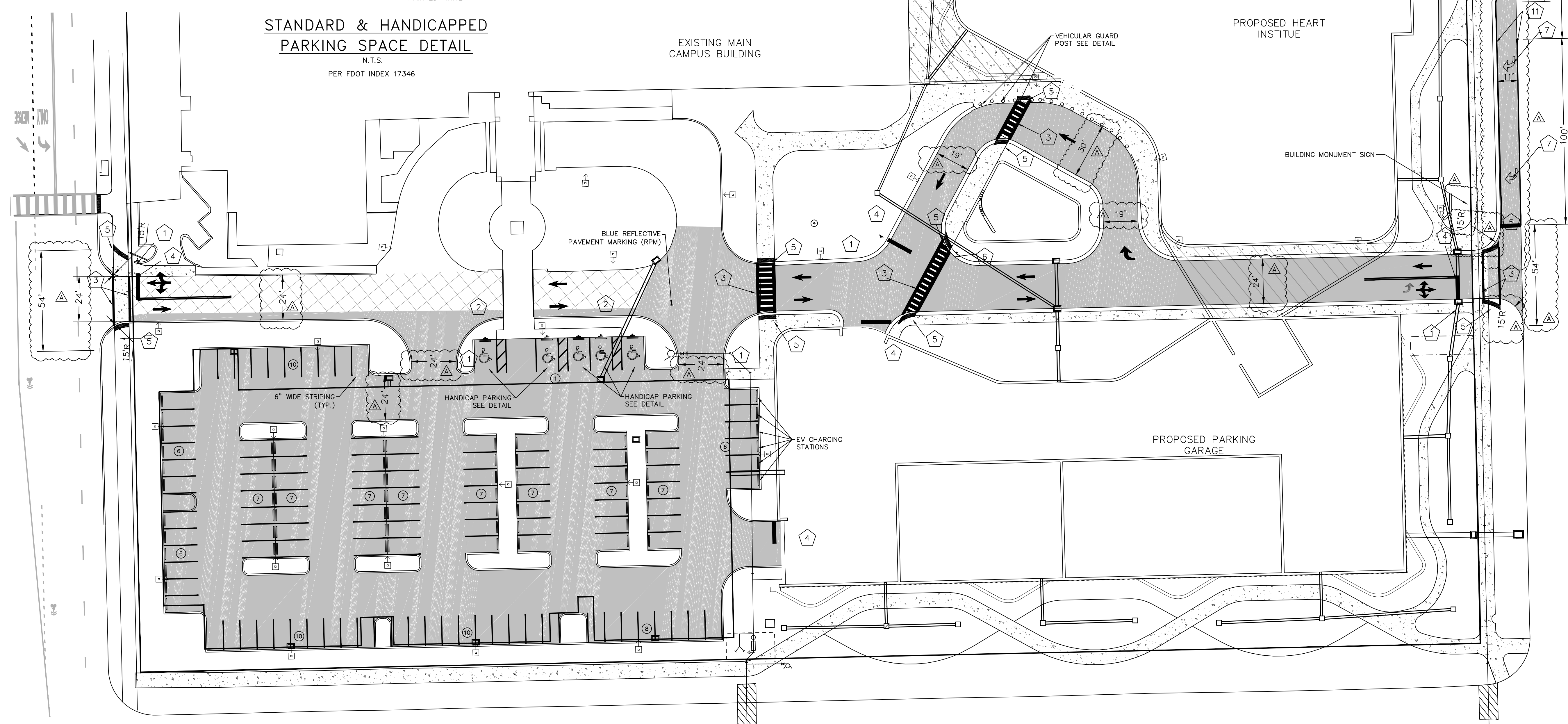
PROPOSED STRIPING AND SIGNAGE

- 1 STOP SIGN (R1-1)
- 2 PHYSICALLY HANDICAPED PARKING SIGN (FTP-21-04 AND FTP-22-04)
- 3 12" SOLID WHITE TYPICAL CROSSWALK PAVEMENT MARKING PER F.D.O.T. INDEX 711-001
- 4 24" WIDE SOLID WHITE 'STOP BAR' PAVEMENT MARKINGS PER F.D.O.T. INDEX 711-001 (SEE NOTE BELOW)
- 5 DETECTABLE WARNING LANDING WITH TRUNCATED DOMES PER F.D.O.T. INDEX 522-002
 DETECTABLE WARNING LANDING TO BE:
 • YELLOW TRUNCATED DOME MATS IN AREAS OF CONCRETE APPLICATION
 AND
 • WHITE PAVER BLOCK WITH TRUNCATED DOMES IN AREAS OF PAVER BLOCK APPLICATION.

- 6 'DO NOT ENTER' SIGN (R5-1)
- 7 DIRECTIONAL ARROW PAINTED PAVEMENT MARKING PER F.D.O.T. INDEX 711-001
- 8 PROPOSED 'NCH HEALTHCARE SYSTEM EMERGENCY' WALL MOUNTED SIGN ON CANOPY
- 9 24" SOLID WHITE TYPICAL SPECIAL EMPHASIS CROSS WALK MARKINGS PER FDOT INDEX 711-001
- 10 6" WHITE SKIP (FOR WALKWAY) PER FDOT INDEX 711-011
- 11 6" WHITE PER FDOT INDEX 711-011



1. TOP PORTION OF FTP 25 SHALL HAVE A REFLECTIVE BLUE BACKGROUND WITH WHITE REFLECTIVE SYMBOL AND BORDER.
2. BOTTOM PORTION SHALL HAVE A REFLECTIVE WHITE BACKGROUND WITH BLACK OPAQUE LEGEND AND BORDER.



H:\2023\2023017\DW CONSTRUCTION\SDPA\5032SM01.dwg Tab: signing Aug 22, 2023 - 3:05pm Plotted by: DarnettGrabowski

LETTER	REVISIONS	DATE

NCH Healthcare System
NAPLES COMMUNITY HOSPITAL
NCH HEART VASCULAR & STROKE INSTITUTE EXPANSION

DESIGNED BY W.I.C.	DATE 5/23
DRAWN BY G.J.G.	DATE 5/23
CHECKED BY W.I.C.	DATE 5/23
VERTICAL SCALE N/A	HORIZONTAL SCALE 1" = 40'

HM
HOLE MONTES
 ENGINEERS-PLANNERS-SURVEYORS

950 Encore Way
 Naples, FL. 34110
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 Authorization No.1772

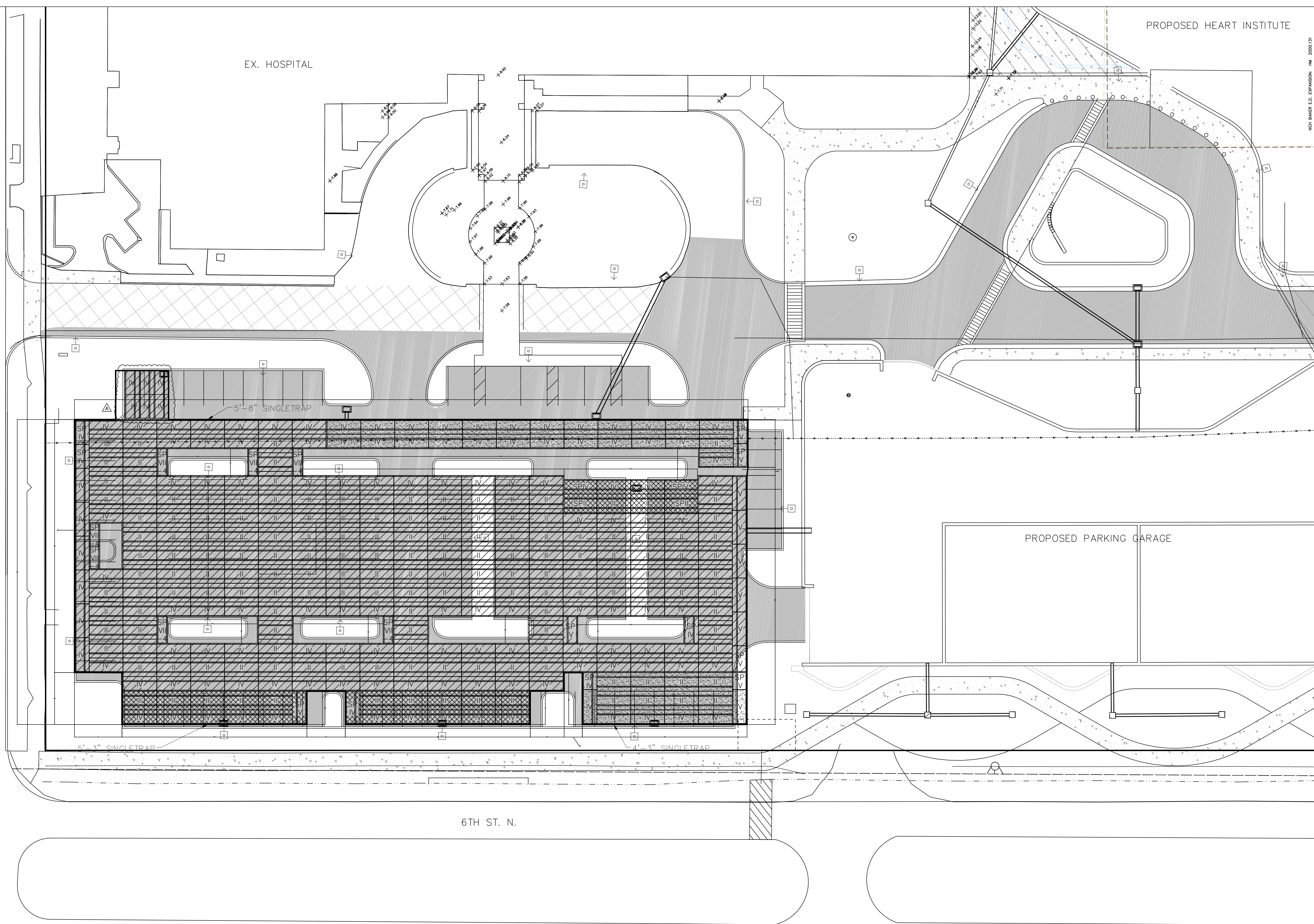
SIGNAGE, STRIPING and DIMENSION PLAN

ENGINEER: W. TERRY COLE, P.E. LICENSE No. 42347	REFERENCE NO. 5032SM01	DRAWING NO. 5023-20
DATE	PROJECT NO. 2023.017	SHEET NO. 20 of 23

THESE DRAWINGS ARE NOT APPROVED FOR CONSTRUCTION UNLESS SIGNED BELOW:

H:\2023\2023017\DW CONSTRUCTION\SDPA\5023STORMTRAP.dwg Tab: STORM TRAP PLAN Aug 22, 2023 - 3:06pm Plotted by: GarrettGrobowski

NCH HMAE E.D. EXPANSION: IM 2000.131



- =5'-8" UNITS
- =5'-3" UNITS
- =4'-3" UNITS

NOTES:
1. SEE SHEET 22 FOR DETAILS

4TH AVE. N.

6TH ST. N.

△		
△		
△		
△	PER CITY COMMENTS	8/2023
LETTER	REVISIONS	DATE

NCH
Healthcare System

**NAPLES COMMUNITY HOSPITAL
NCH HEART VASCULAR &
STROKE INSTITUTE EXPANSION**

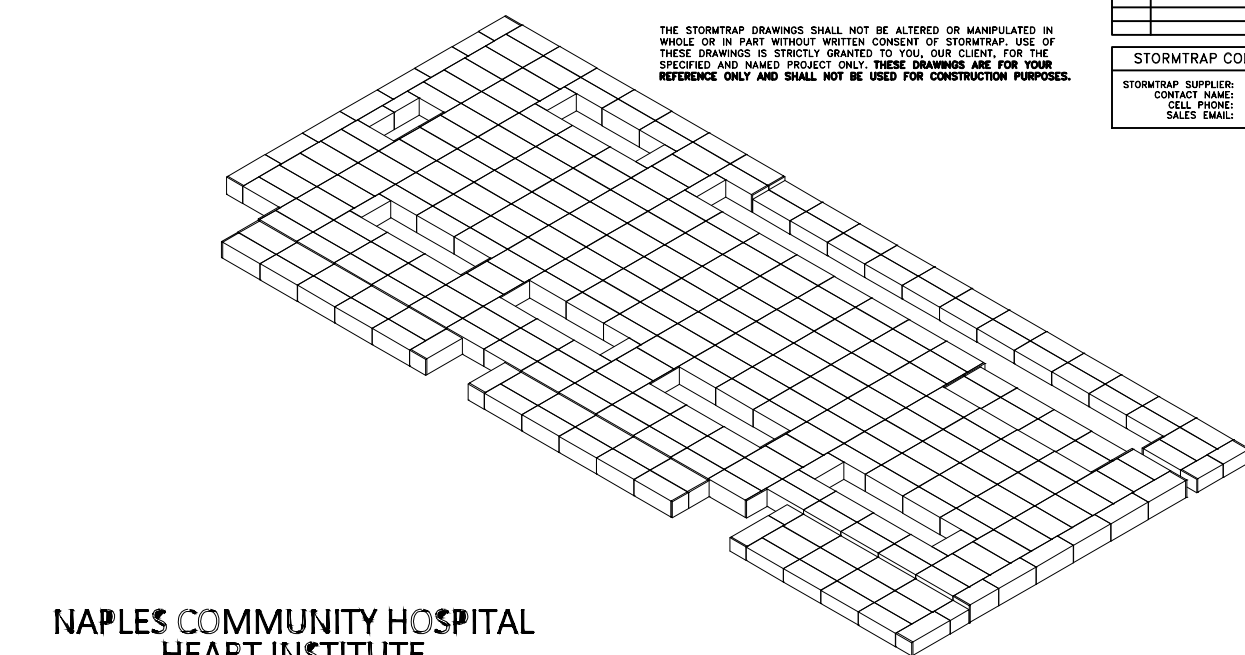
DESIGNED BY W.I.C.	DATE 5/23
DRAWN BY G.J.G.	DATE 5/23
CHECKED BY W.I.C.	DATE 5/23
VERTICAL SCALE N/A	HORIZONTAL SCALE 1" = 60'

HMA
HOLE MONTES
ENGINEERS-PLANNERS-SURVEYORS

950 Encore Way
Naples, FL. 34110
Phone: (239) 254-2000
Florida Certificate of
Authorization No.1772

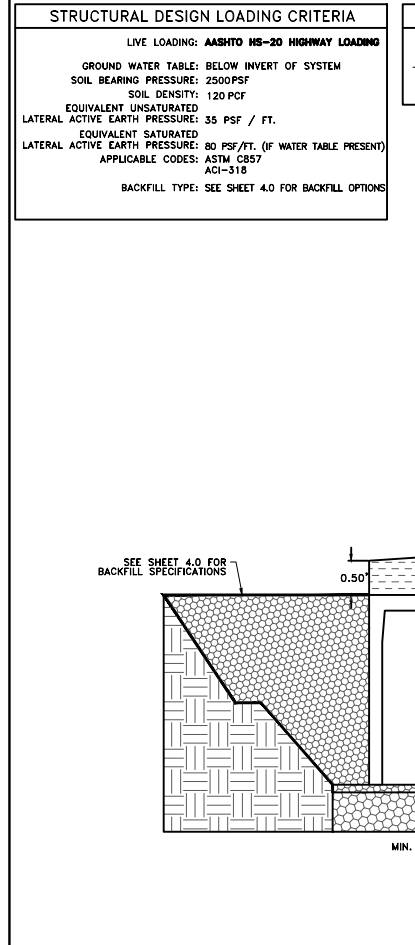
**STORM TRAP
SITE PLAN**

ENGINEER: W. TERRY COLE, P.E. LICENSE No. 42347		
REFERENCE NO.	5023ST-01	DRAWING NO.
PROJECT NO.	2023.017	SHEET NO.
DATE		21 of 23

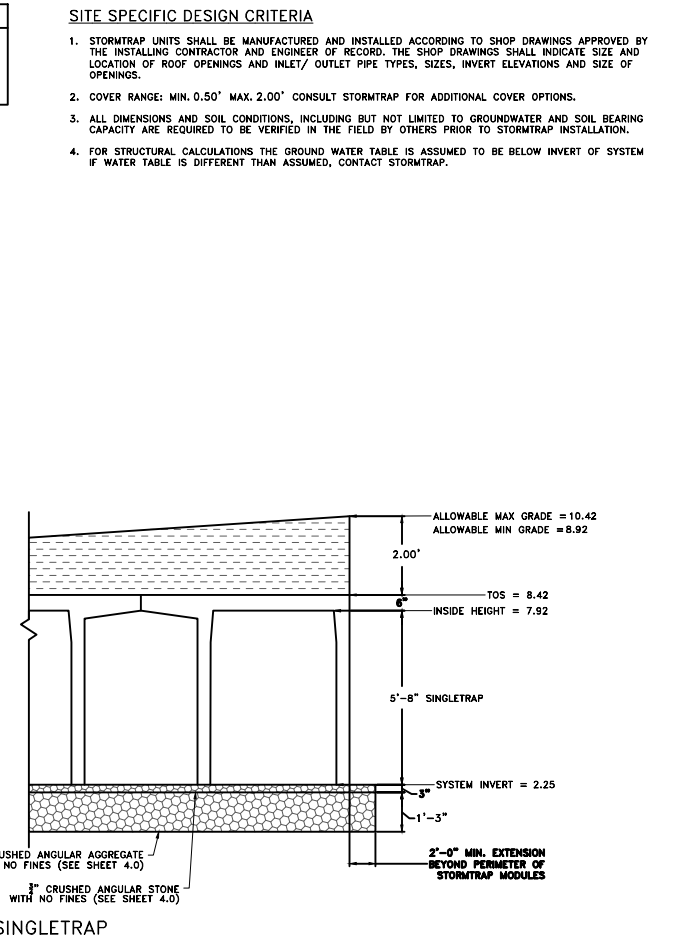


NAPLES COMMUNITY HOSPITAL HEART INSTITUTE NAPLES, FL

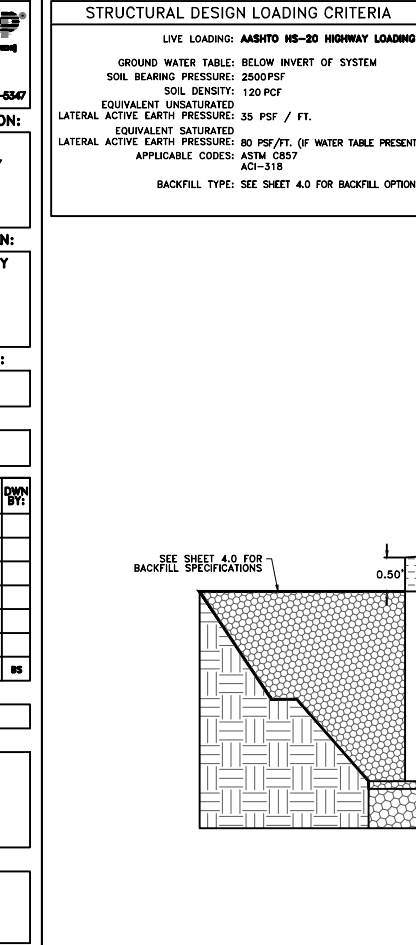
StormTrap logo and project information for sheet 0.0, including location (Naples, FL) and issue date (4/27/2023).



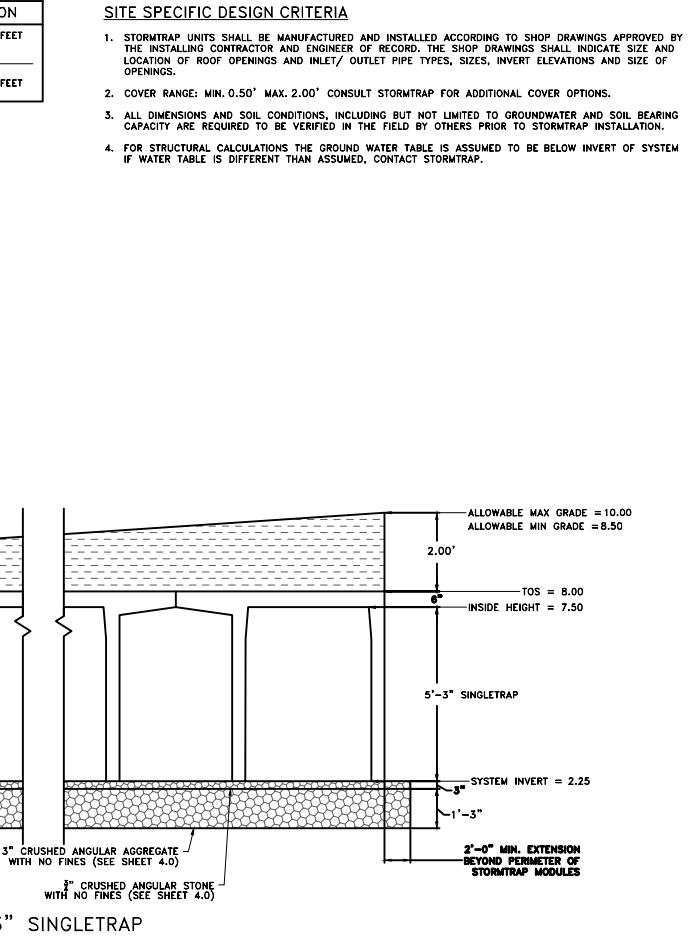
StormTrap system information table for sheet 0.0, detailing material specifications and design criteria.



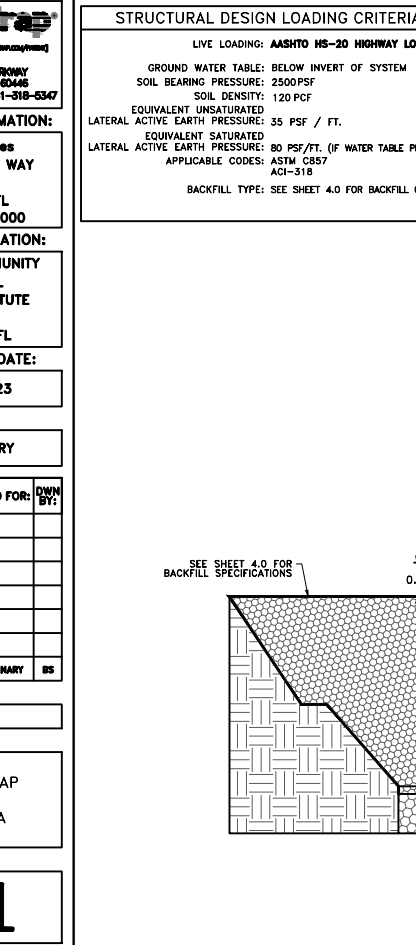
StormTrap logo and project information for sheet 1.0, including location (Naples, FL) and issue date (4/27/2023).



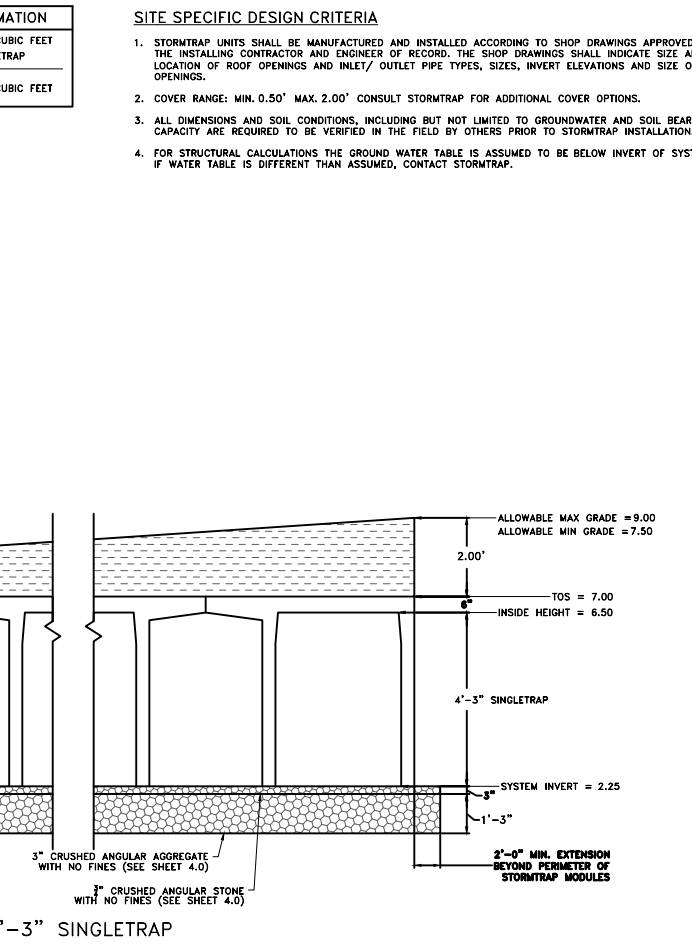
StormTrap system information table for sheet 1.0, detailing material specifications and design criteria.



StormTrap logo and project information for sheet 1.1, including location (Naples, FL) and issue date (4/27/2023).



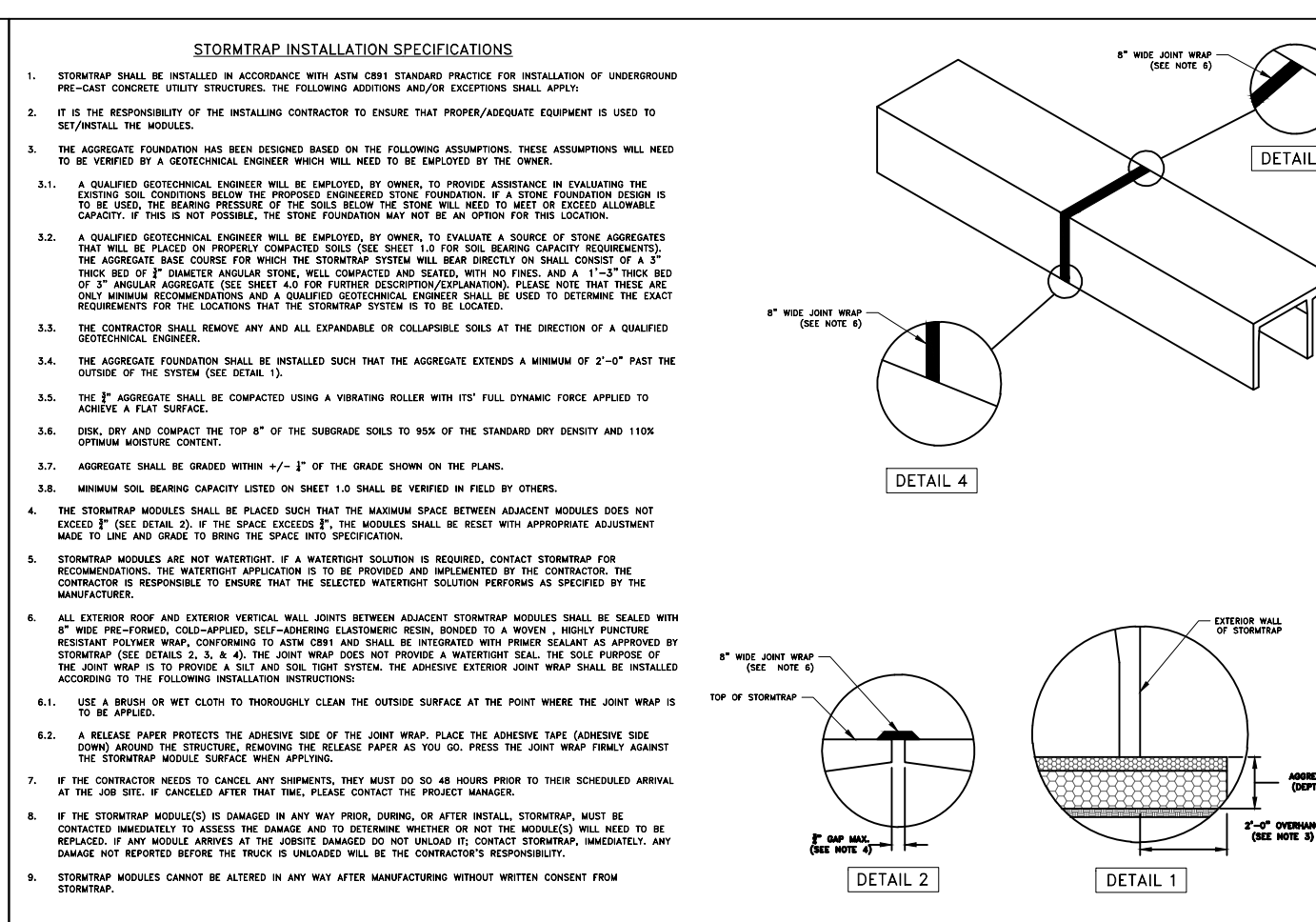
StormTrap system information table for sheet 1.1, detailing material specifications and design criteria.



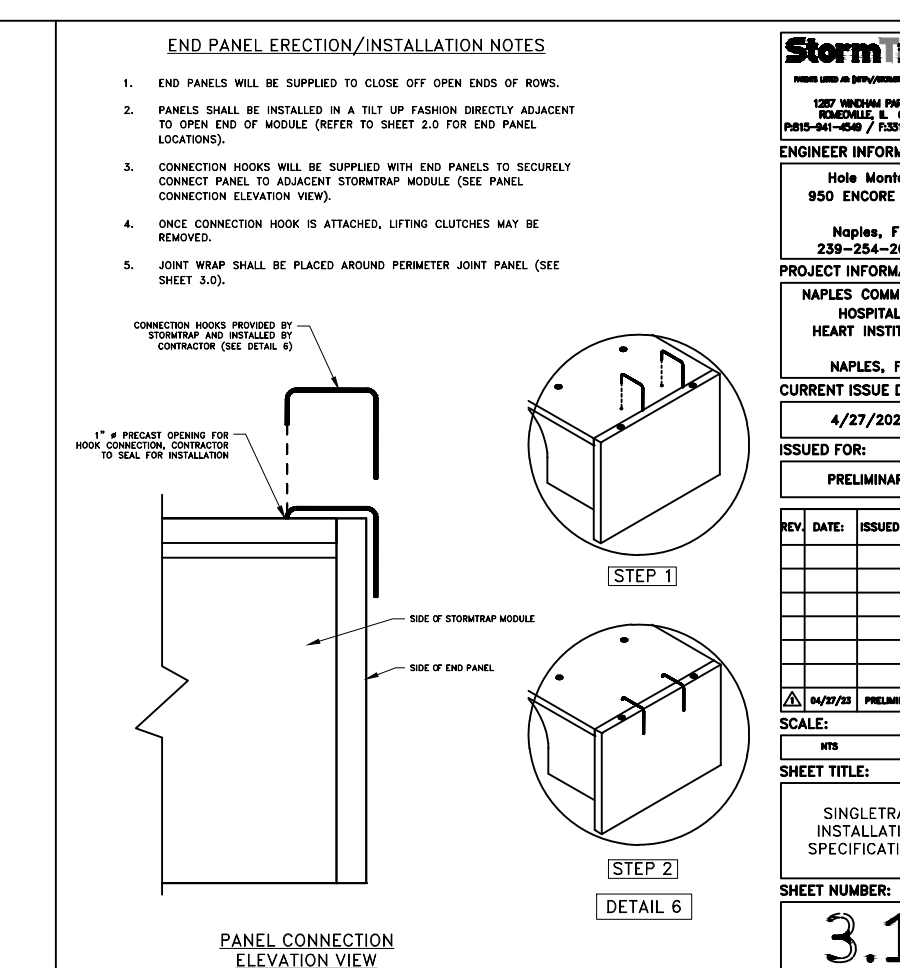
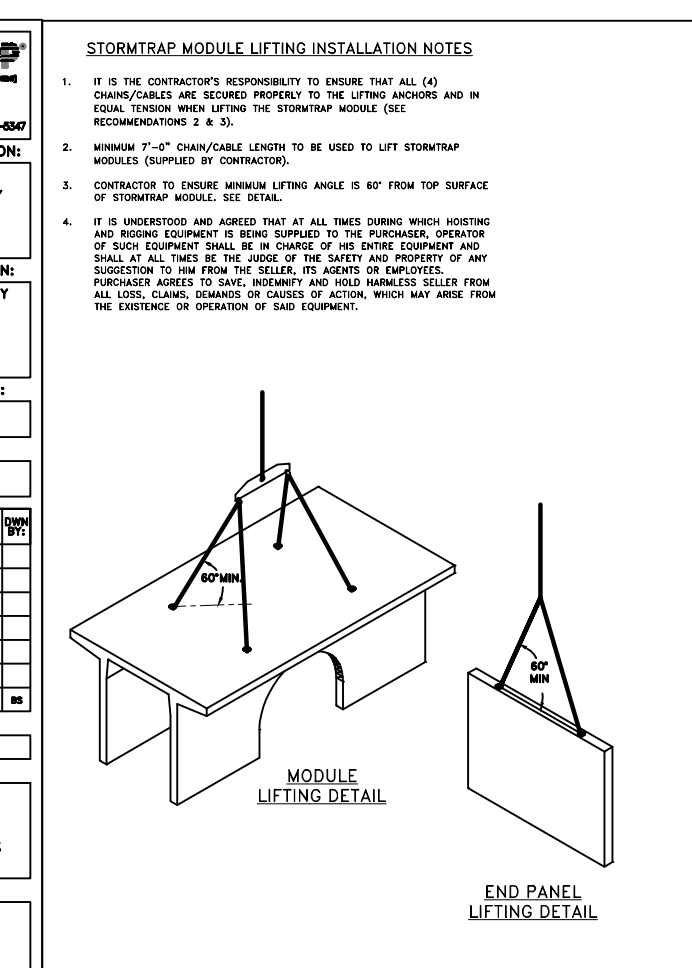
StormTrap logo and project information for sheet 1.2, including location (Naples, FL) and issue date (4/27/2023).

Bill of materials table for sheets 0.0, 1.0, and 1.1, listing various components and their quantities.

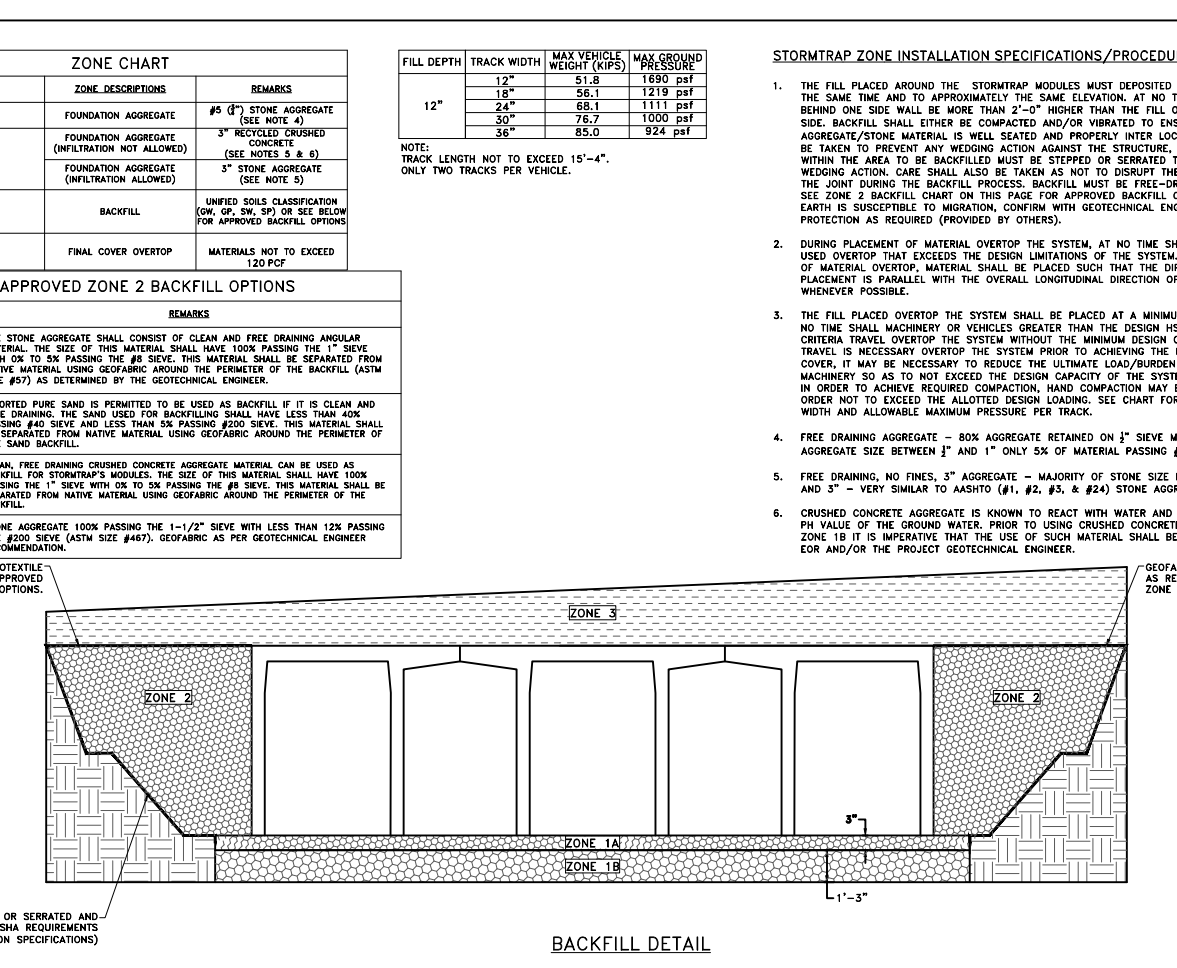
StormTrap logo and project information for sheet 2.0, including location (Naples, FL) and issue date (4/27/2023).



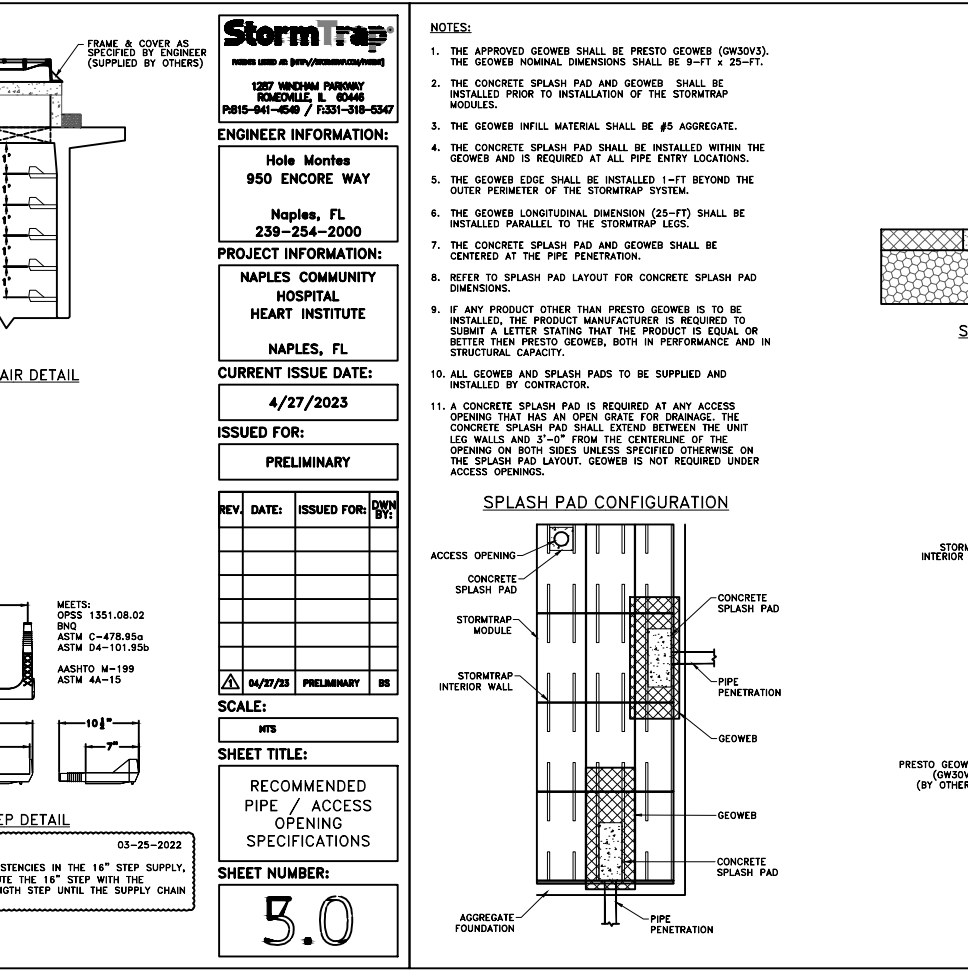
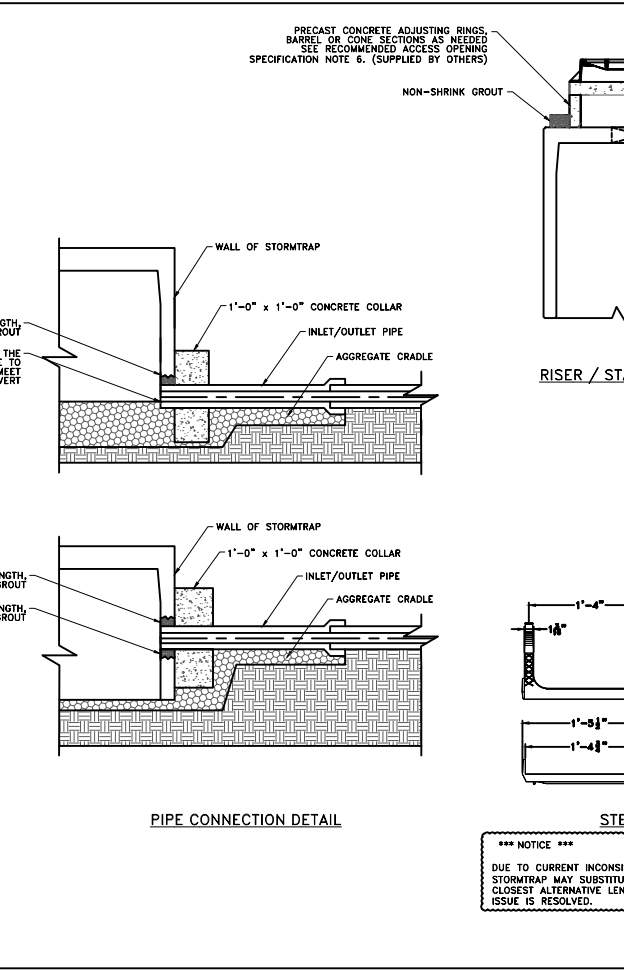
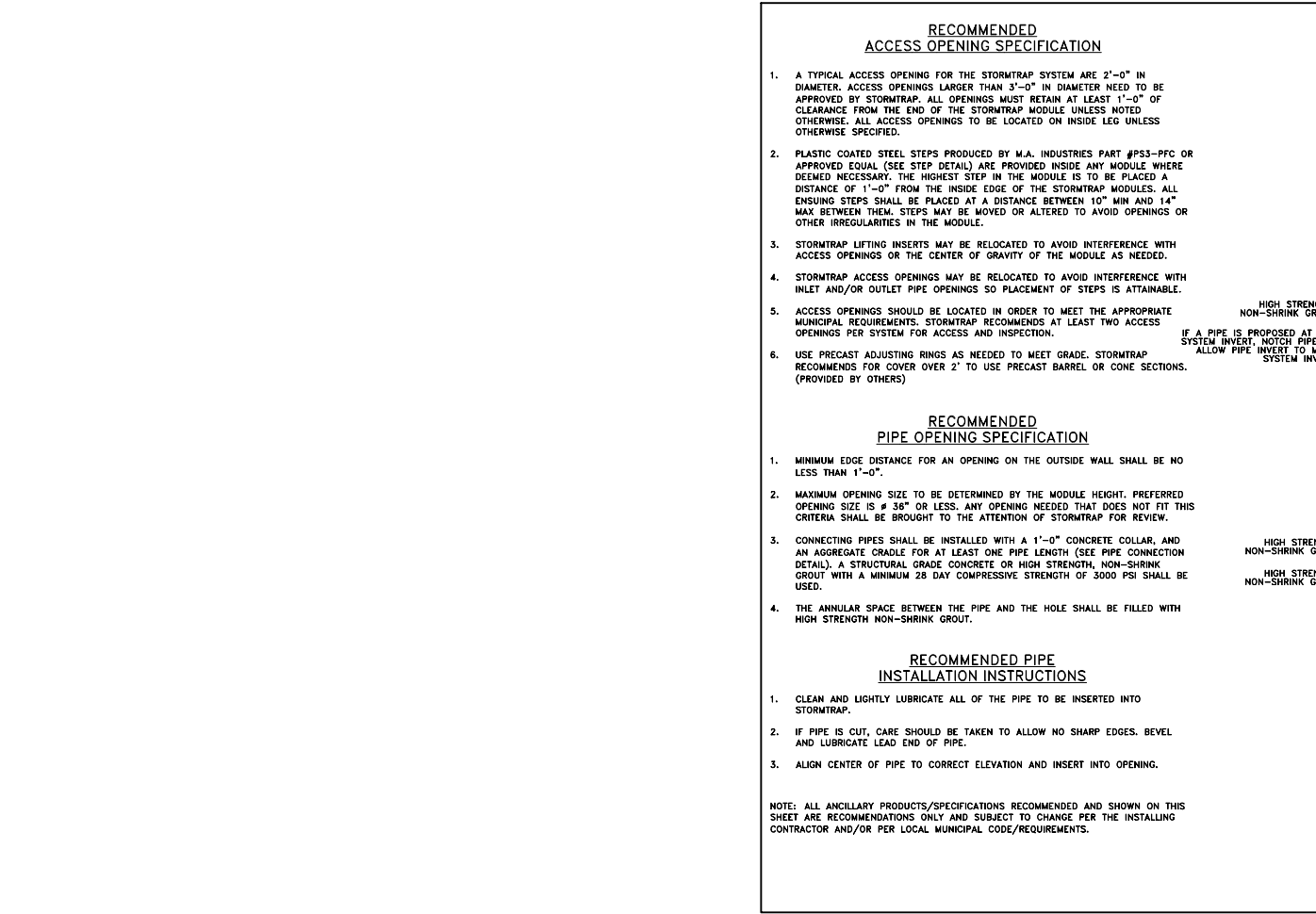
StormTrap logo and project information for sheet 3.0, including location (Naples, FL) and issue date (4/27/2023).



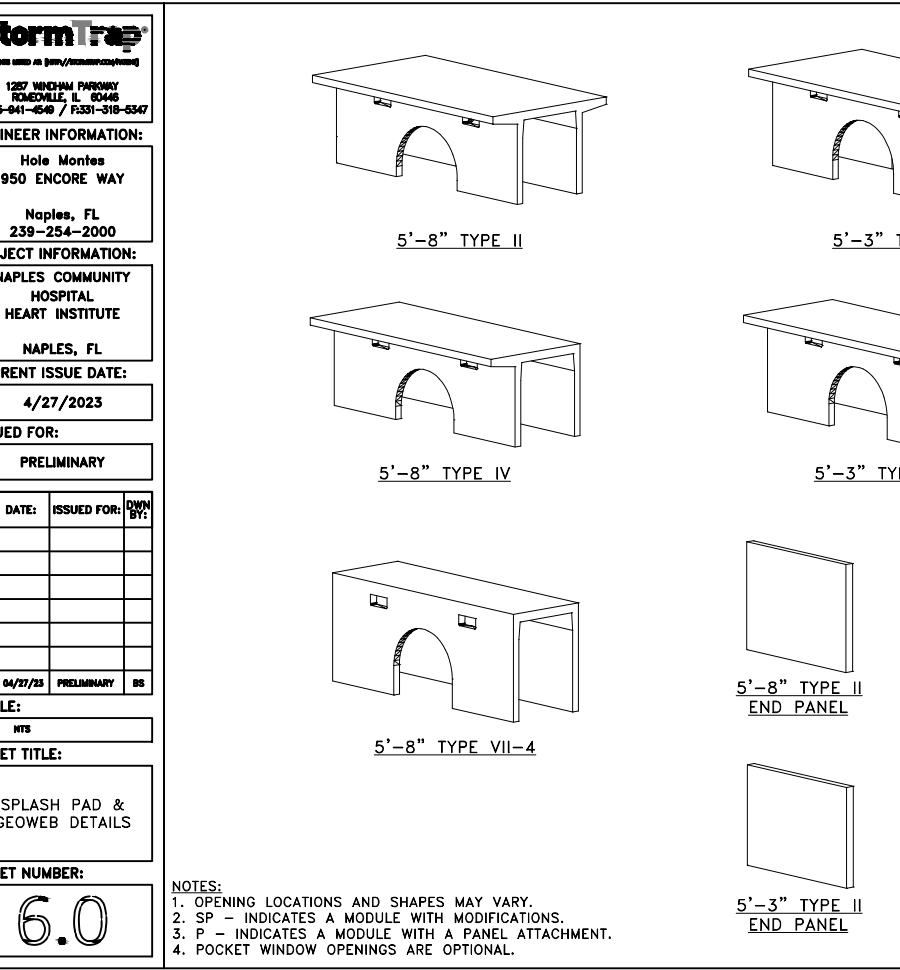
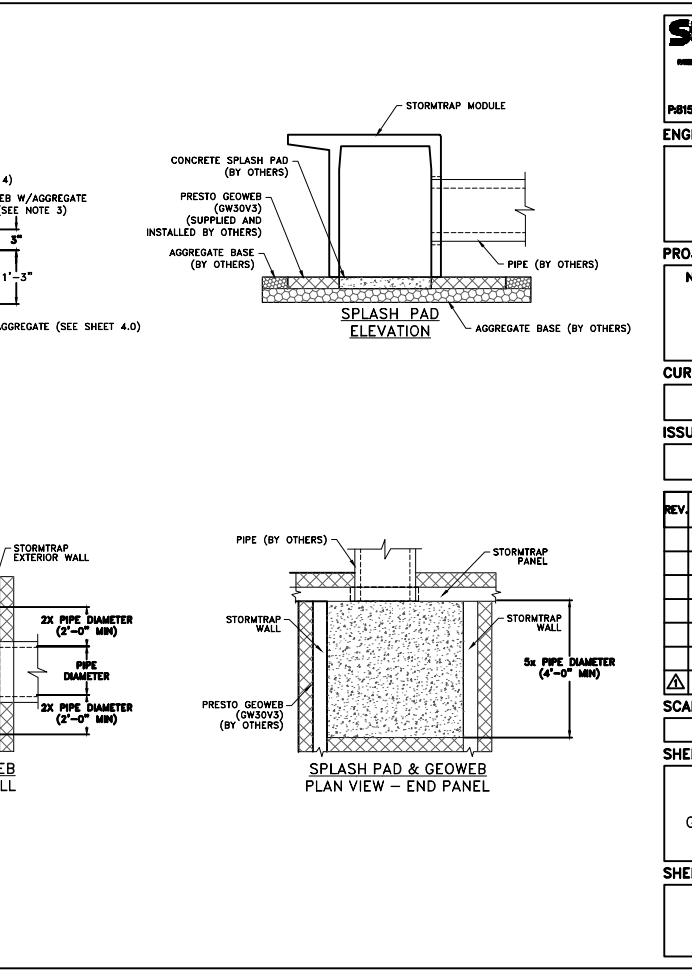
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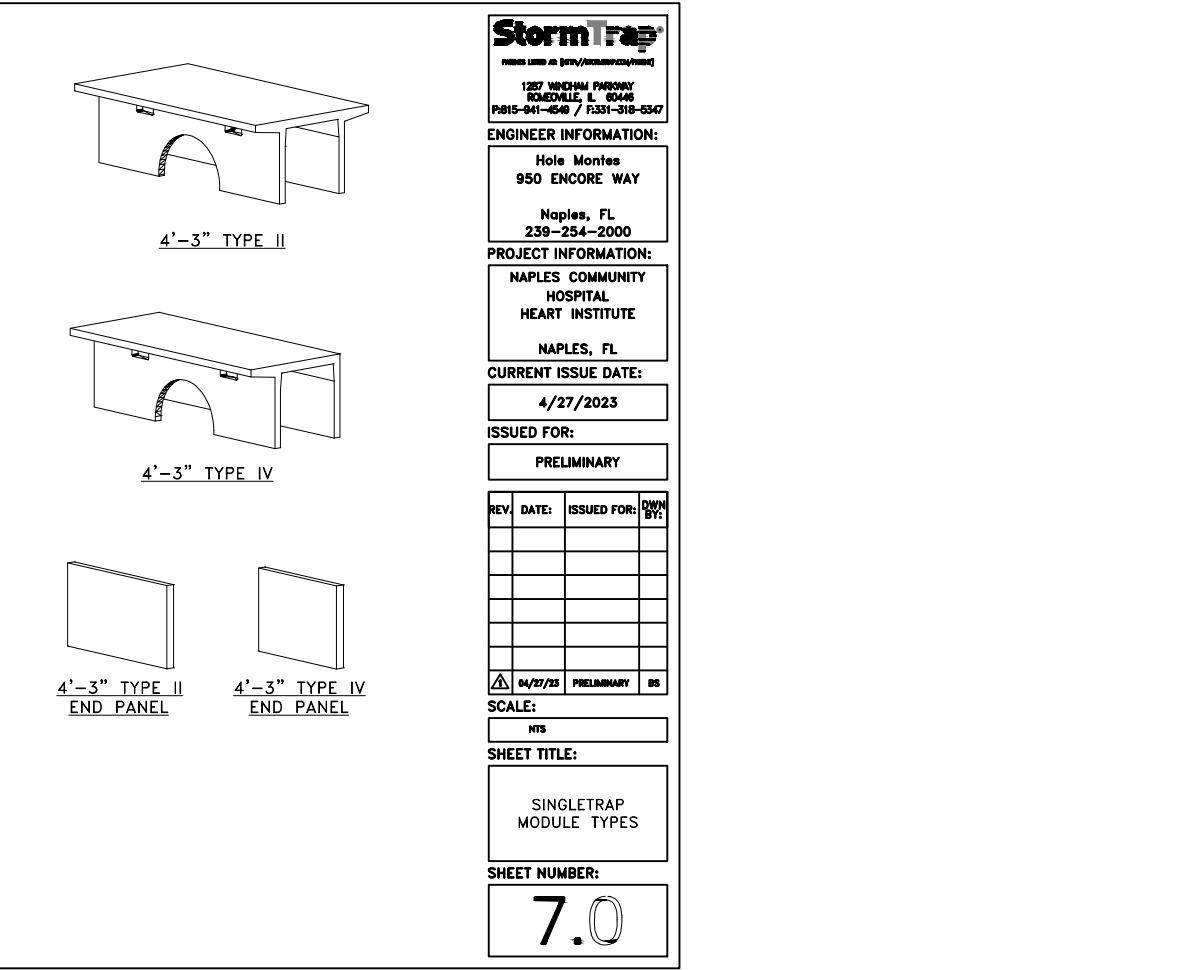
StormTrap logo and project information for sheet 4.0, including location (Naples, FL) and issue date (4/27/2023).



StormTrap logo and project information for sheet 6.0, including location (Naples, FL) and issue date (4/27/2023).



StormTrap logo and project information for sheet 7.0, including location (Naples, FL) and issue date (4/27/2023).



Revisions table for the drawing, including columns for date, description, and initials.

DESIGNED BY: W.I.C. DATE: 5/23. DRAWN BY: G.J.G. DATE: 5/23. CHECKED BY: W.I.C. DATE: 5/23. VERTICAL SCALE: N/A. HORIZONTAL SCALE: N/A.

950 Encore Way Naples, FL 34110 Phone: (239) 254-2000 Florida Certificate of Authorization No.1772

STORM TRAP DETAILS logo and title.

Reference and drawing information table, including project name (NCH Heart Institute Expansion), drawing number (5023ST02), and sheet number (22 of 23).

Vertical text on the left margin: H:\2023\20230701\DW CONSTRUCTION\SDPA\5023ST02\STORMTRAP.dwg Tab: STORM TRAP DETAILS Aug 22, 2023 11:07am Plotted by: Garrett@robaweb.com

Vertical text on the right margin: NCH HEART INSTITUTE EXPANSION

