

RAMON RODRIGUEZ
MAYOR

TOWN OF MEDLEY

TOWN OF MEDLEY COUNCIL

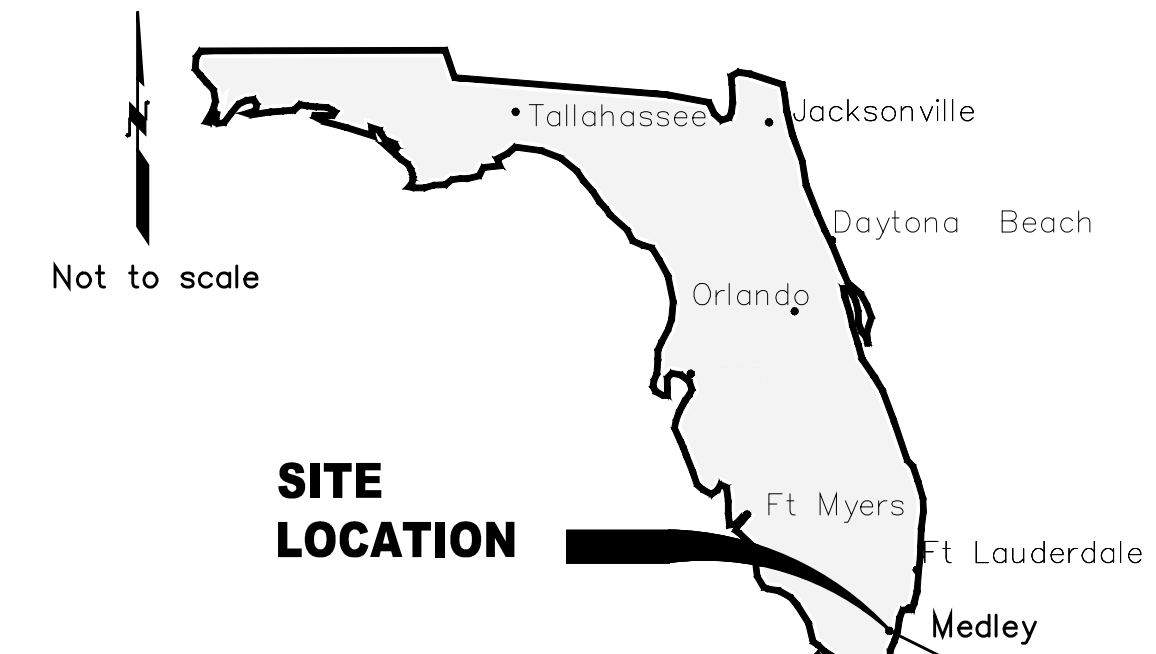
JACK MORROW
VICE-MAYOR

GRISIELA DIGIACOMO
COUNCILPERSON

GERARDO SILVA, JR.
COUNCILPERSON

ROBERO MARTELL
COUNCILPERSON

MICHAEL PIZZI, Esq.
TOWN ATTORNEY



PAVING AND DRAINAGE IMPROVEMENTS FLOOD MITIGATION AREA MEDLEY, FL 33166

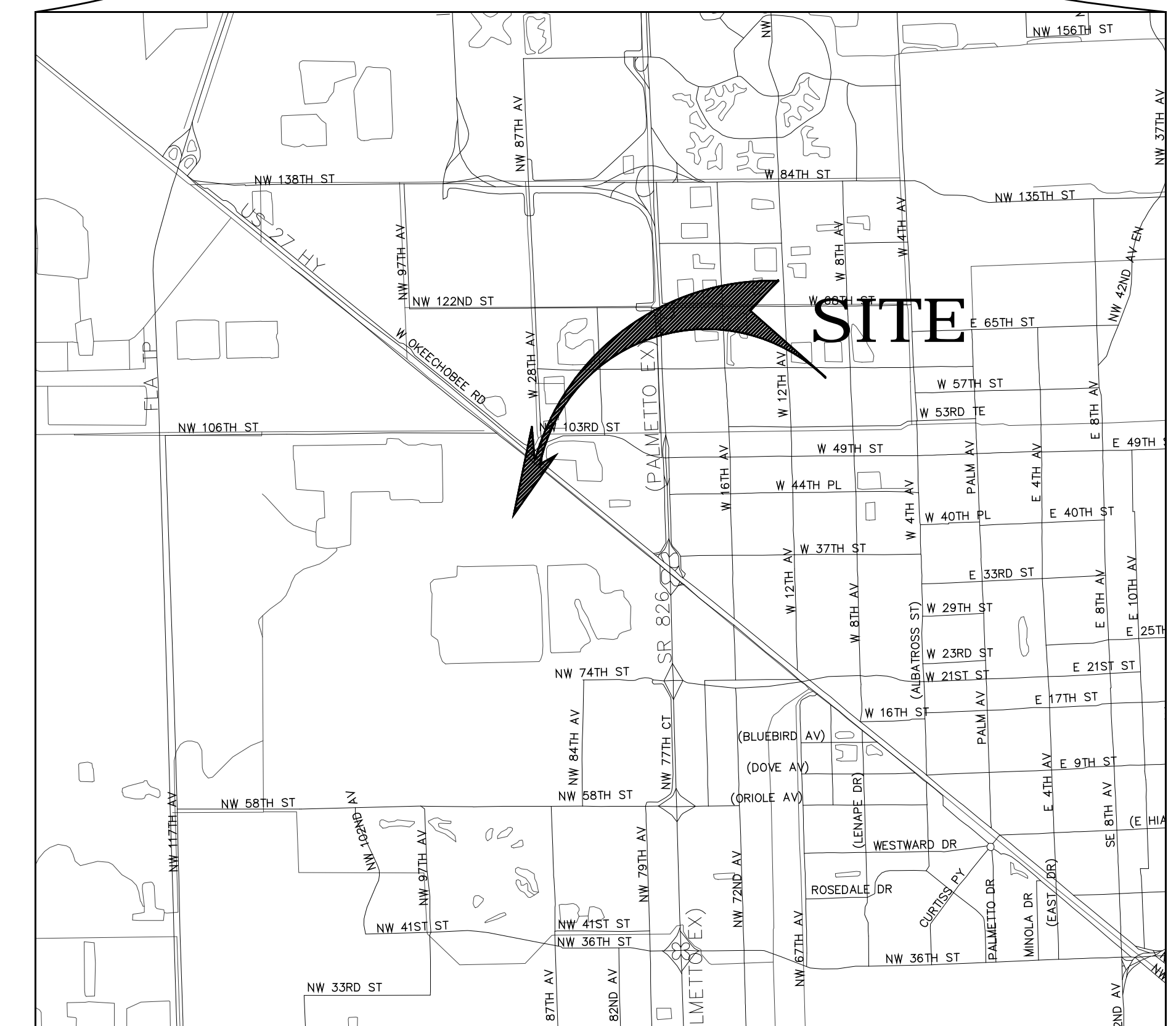
LIST OF DRAWINGS

SHEET No.	DWG No.	DESCRIPTION
1.	G-1	COVER SHEET - SITE LOCATION AND LIST OF DRAWINGS
2.	G-2	LEGEND AND SITE MAP
3.	G-3	PROJECT NOTES
4.	G-4	PROJECT NOTES (CONTINUED) AND MAINTENANCE OF TRAFFIC
5.	G-5	95TH AVENUE - EXISTING CONDITIONS
6.	G-6	104TH STREET AND 102ND STREET - EXISTING CONDITIONS
7.	G-7	101ST STREET - EXISTING CONDITIONS
8.	G-8	100TH STREET - EXISTING CONDITIONS
9.	G-9	91ST COURT - EXISTING CONDITIONS
10.	C-1	95TH AVENUE - DRAINAGE
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15.	C-6	95TH AVENUE - PAVING AND GRADING
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19.	C-10	91ST COURT - PAVING AND GRADING
20.	C-11	95TH AVENUE - MARKINGS AND SIGNAGE
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Prepared by



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Phone (305) 759-4757
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SITE LOCATION

SCALE: 1" = 5000'

FOR BID PURPOSES ONLY - NOT FOR CONSTRUCTION

GENERAL NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING LOCATIONS OF ALL UTILITIES AND MODIFICATIONS OF THE EXISTING CONDITIONS AT THE JOB SITE. CALL SUNSHINE ONE AT 1-800-432-4770 AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION. 2
2. SITE CONDITIONS MAY HAVE CHANGED SINCE SURVEY WAS PERFORMED. CONTRACTOR SHALL VERIFY FIELD CONDITIONS PRIOR TO STARTING CONSTRUCTION.
3. THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS TO SAFEGUARD ALL EXISTING STRUCTURES AND UTILITIES. THE LOCATION OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE ONLY AND ARE BASED UPON AVAILABLE INFORMATION. ADDITIONAL UTILITIES MAY EXIST WHICH ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND VERIFYING ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION. ANY AND ALL CONFLICTS WITH EXISTING UTILITIES SHALL BE REPORTED TO THE ENGINEER. ANY ADDITIONAL WORK REQUIRED BY THE CONTRACTOR IN CONJUNCTION WITH UNKNOWN UTILITIES SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED. 2
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SCHEDULING OF, AND PAYMENT FOR, SUCH TESTS THAT MAY BE DEEMED NECESSARY BY THE ENGINEER, AND AS CALLED FOR IN THE PLANS AND SPECIFICATIONS.
5. DIMENSIONS AND GRADING OF THE SITE ARE BASED UPON AVAILABLE INFORMATION AT THE TIME OF LAYOUT. DEVIATIONS MAY BE NECESSARY IN THE FIELD. ANY SUCH CHANGES OR CONFLICTS BETWEEN THIS PLAN AND FIELD CONDITIONS ARE TO BE REPORTED TO THE ENGINEER PRIOR TO STARTING CONSTRUCTION.
6. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO APPLICABLE STATE, COUNTY, OR TOWN OF MEDLEY CODES.
7. CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING TREES, STRUCTURES, AND UTILITIES WHICH MAY NOT BE SHOWN ON PLANS. ANY EXISTING STRUCTURE, PAVEMENT, TREES OR OTHER EXISTING IMPROVEMENT NOT SPECIFIED FOR REMOVAL WHICH IS TEMPORARILY DAMAGED, EXPOSED, OR IN ANY OTHER WAY DISTURBED BY CONSTRUCTION PERFORMED UNDER THIS CONTRACT, SHALL BE REPAIRED, PATCHED, OR REPLACED AT NO ADDITIONAL COST TO THE OWNER. ALL SIDEWALKS, DRIVEWAYS, LANDSCAPE, FENCES AND GRASS AREAS DISTURBED DURING CONSTRUCTION MUST BE RETURNED TO THEIR ORIGINAL CONDITION OR BETTER AS DETERMINED BY THE OWNER OR ITS REPRESENTATIVE. 2
8. EXISTING TREES SHALL BE REMOVED ONLY IF REQUIRED FOR CONSTRUCTION. THOSE TREES NOT INTERFERING WITH CONSTRUCTION SHALL BE PROTECTED IN PLACE. THE CONTRACTOR IS ADVISED THAT A TREE PERMIT MAY BE REQUIRED FOR TREE REMOVAL. CONTRACTOR SHALL NOTIFY PERA PRIOR TO REMOVING ANY TREES. 2
9. THE CONTRACTOR SHALL SUBMIT A MAINTENANCE OF TRAFFIC PLAN FOR APPROVAL BY THE OWNER, THE ENGINEER AND THE TOWN OF MEDLEY POLICE DEPARTMENT. 2
10. IF ADDITIONAL GEOTECHNICAL INFORMATION IS NECESSARY TO DETERMINE THE CONDITION OF THE EXISTING MATERIAL AT THE JOB SITE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING THE GEOTECHNICAL EXPLORATION AT NO ADDITIONAL COSTS TO THE OWNER. 2
11. ANY SURVEY REQUIRED BY THE CONTRACTOR TO COMPLETE THE PROJECT SHALL BE AT NO ADDITIONAL COST TO THE TOWN.
12. NO CHANGE IN THE DESIGN SHALL BE ACCEPTED WITHOUT THE APPROVAL OF THE ENGINEER OF RECORD AND THE TOWN.
13. THE CONTRACTOR, BY VIRTUE OF SIGNING THE CONTRACT, ACKNOWLEDGES THAT HE AND ALL OF HIS SUBCONTRACTORS ARE FAMILIAR WITH THE LOCAL WEATHER CONDITIONS. IN THE EVENT OF INCLEMENT WEATHER, THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS TO TIE DOWN LOOSE MATERIAL AND EQUIPMENT, OR SHALL REMOVE THEM FROM THE PROJECT SITE, AT NO COST TO THE TOWN.
14. IN THE EVENT OF A HURRICANE WATCH, THE CONTRACTOR SHALL BE REQUIRED TO REMOVE FROM THE PROJECT SITE, OR SECURE TO THE ENGINEER'S SATISFACTION, ALL LOOSE CONSTRUCTION MATERIALS AND EQUIPMENT AND THE CONTRACTOR SHALL PROTECT STRUCTURES UNDER CONSTRUCTION. THE CONTRACTOR SHALL ALSO COOPERATE IN THIS REGARD WITH TOWN PERSONNEL IN PROTECTING OTHER STRUCTURES WITHIN THE PROJECT SITE. THE CONTRACTOR SHALL CONFORM TO THE REQUIREMENTS OF THE TOWN OF MEDLEY HURRICANE PLAN.
15. ALL WORK SHALL BE PERFORMED WITHIN THE LIMITS OF EXISTING STATE/LOCAL RIGHT OF WAY, AND ALL IMPROVEMENTS SHALL BE CONSTRUCTED AND INSTALLED WITHIN SAID LIMITS.
16. ALL EXISTING TREES SHOWN IN DRAWINGS ARE TO REMAIN. WHEN AN EXISTING TREE IS WITHIN TWENTY FEET OF ANY CONSTRUCTION, PROVIDE A TREE PROTECTION BARRICADE IN ACCORDANCE WITH FDOT DESIGN STANDARD INDEX 544. THE CRITICAL PROTECTION ZONE SHALL BE DEFINED AS 6 TO 8 FEET FOR TREES WITH A TRUNK DIAMETER LESS THAN 18 INCHES AND 10 TO 12 FEET FOR TREES WITH A TRUNK DIAMETER GREATER THAN OR EQUAL TO 18 INCHES AS REQUIRED BY DERM. 1

EXCAVATING, TRENCHING AND BACKFILLING:

1. CONTRACTOR SHALL UNDERPIN ADJACENT STRUCTURES, WHICH MAY BE DAMAGED BY EXCAVATING WORK. CONTRACTOR SHALL GRADE TOP PERIMETER OF EXCAVATION TO PREVENT WATER FROM DRAINING INTO EXCAVATION; PREVENT DISPLACEMENT OR LOOSE SOIL FROM FALLING INTO EXCAVATION; MAINTAIN SOIL STABILITY.
2. EXCAVATED MATERIAL NOT REQUIRED FOR BACKFILLING OR THAT IS UNSUITABLE FOR BACKFILL SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS OWN EXPENSE. CONTRACTOR SHALL PROVIDE DISPOSAL MANIFESTS TO THE ENGINEER IN ORDER TO RECEIVE PAYMENT. DISPOSAL MANIFESTS ARE RECIEPTS FROM A LICENSED AND APPROVED DISPOSAL FACILITY. (E.G. LANDFILL)
3. TRENCHES 5 FEET DEEP OR GRATER REQUIRE A PROTECTIVE SYSTEM THAT CONSIST OF:
 - 3.1. SLOPING-PROTECTS WORKERS BY CUTTING BACK THE TRENCH WALL AT AN ANGLE INCLINED AWAY FROM THE EXCAVATION.
 - 3.2. SHORING-PROTECTS WORKERS BY INSTALLING ALUMINUM HYDRAULIC OR OTHER TYPES OF SUPPORTS TO PREVENT SOIL MOVEMENT.
 - 3.3. SHIELDING-PROTECTS WORKERS BY USING TRENCH BOXES OR OTHER TYPES OF SUPPORTS TO PREVENT SOIL CAVE-INS.
4. OSHA STANDARDS REQUIRE THAT TRENCHES BE INSPECTED DAILY AND AS CONDITIONS CHANGE BY A COMPETENT PERSON PRIOR TO WORKER ENTRY TO ENSURE ELIMINATION OF EXCAVATION HAZARDS.
5. CONTRACTOR SHALL INSPECT TRENCHES AT THE START OF EACH SHIFT, FOLLOWING A RAINSTORM OR AFTER ANY HAZARDOUS EVENT. TEST FOR LOW OXYGEN, HAZARDOUS FUMES AND TOXIC GASES BEFORE ENTERING A TRENCH. KEEP HEAVY EQUIPMENT AND EXCAVATION SPOILS AT LEAST TWO FEET AWAY FROM THE TRENCH EDGE. PROVIDE STAIRWAYS, LADDERS, RAMPS OR OTHER SAFE MEANS OF ACCESS IN ALL TRENCHES 4 FEET DEEP OR DEEPER.
6. PIPES SHALL BE INSPECTED BEFORE ANY BACKFILL IS PLACED; ANY PIPES FOUND TO BE OUT OF ALINGNMENT, UNDUPLY SETTLED, OR DAMAGED SHALL BE REMOVED AND RELAID OR REPLACED BY AND AT THE CONTRACTOR'S EXPENSE.
7. MATERIAL FOR TRENCH BACKFILL SHALL BE TYPE S1; TYPE A-1, A-3, OR A-2-4 IN ACCORDANCE WITH THE AASHTO DESIGNATION M 145 ABD SHALL BE FREE FROM VEGETATION AND ORGANIC MATERIAL.
8. MOVEMENT OF CONSTRUCTION MACHINERY OVER A PIPE OR CULVERT SHALL BE AT THE CONTRACTOR'S EXPENSE.
9. SYSTEMATICALLY BACKFILL TO ALLOW MAXIMUM TIME FOR NATURAL SETTLEMENT. DO NOT BACKFILL OVER POROUS, WET, OR SPONGY SUBGRADE SURFACES. MAINTAIN OPTIMUM MOISTURE CONTENT OF BACKFILL MATERIALS TO ATTAIN REQUIRED COMPACTION DENSITY. CONTRACTOR SHALL REMOVE SURPLUS BACKFILL MATERIAL FROM THE SITE.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY BEDDING MATERIAL ASSOCIATED WITH THE INSTALLATION OF STRUCTURES, SOLID PIPE, OR EXFILTRATION TRENCH. 2
11. THE UNIT ITEM PRICES FOR INSTALLATION OF PIPE OR EXFILTRATION TRENCH AND THE INSTALLATION OF NEW PAVEMENT SHALL INCLUDE NECESSARY INSTALLATION, REMOVAL AND DISPOSAL OF EXCESS CLEAN FILL, EXCAVATION, BALLAST ROCK, FILTER FABRIC AND PAVEMENT RESTORATION AND MATERIAL TESTING (PROCTOR TEST, FIELD DENSITY TEST, LBR, SIEVE ANALYSIS, AND ORGANIC CONTENT). 2

EXFILTRATION TRENCH:

1. CONSTRUCT EXFILTRATION TRENCHES TO THE LINES, GRADES AND DIMENSIONS SHOWN ON THE PLANS.
2. PLACE THE GRADED BALLAST ROCK IN THE TRENCH UP TO THE BOTTOM OF THE PROPOSED HDPE PIPE AND PREPARE UNIFORMLY FIRM BED THROUGHOUT THE TRENCH LENGTH. LAY THE PIPE LINE TO THE LINE, ELEVATION AND AT A GRADE SHOWN ON THE DRAWINGS. 2
3. PLACE THE GRADED BALLAST ROCK AS SHOWN ON THE PLANS. DO NOT COMPACT THE GRADED BALLAST ROCK.
4. PLACE THE FILTER FABRIC IN THE LIMITS SHOWN ON THE DETAIL D, DRAWING C-17 CONCURRENTLY WITH THE INSTALLATION OF THE GRADED BALLAST ROCK AND PEA ROCK; PROVIDE NOT LESS THAN A 12-INCH WIDE FABRIC OVERLAP ABOVE THE PEA ROCK.
5. COMPLETE BACKFILLING THE TRENCH WITH SUITABLE CLEAN GRANULAR SOIL MATERIAL. THE USE OF HYDRAULIC BACKFILLING METHOD IS NOT PERMITTED DURING THE CONSTRUCTION OF THE EXFILTRATION TRENCH.
6. THE HDPE PIPE SHALL HAVE A SMOOTH INTERIOR AND ANNULAR EXTERIOR CORRUGATIONS. THE PIPE SHALL MEET ALL AASHTO SPACIFICATIONS M252, TYPE S. THE PIPE SHALL BE JOINED WITH A BELL-AND-SPIGOT JOINT MEETING AASHTO M252, OR AASHTO M294. THE JOINT SHALL BE SILT-TIGHT AND NON-RATED WATERTIGHT. ALL HDPE FITTINGS SHALL CONFORM TO AASHTO M252, OR AASHTO M294. FABRICATED FITTINGS, WHERE ACCESSIBLE, SHALL BE WELDED ON THE INTERIOR AND EXTERIOR AT ALL JUNCTIONS.

7. THE CONTRACTOR SHALL USE A 4-OUNCE NON-BIODEGRADABLE, NON-WOVEN GEOTEXTILE FABRIC COMPOSED OF POLYPROPYLENE FIBERS, WHICH ARE FORMED INTO A STABLE NETWORK SUCH THAT THE FIBERS REATIN THEIR RELATIVE POSITION. INERT TO BIOLOGICAL DEGRADATION AND RESISTANT TO NATURALLY ENCOUNTERED CHEMICALS, ALKALIS AND ACIDS.
8. BALLAST ROCK USED BY THE CONTRACTOR SHALL BE WELL GRADED, WASHED AND LOCALLY PROCURED FROM FRESH WATER SOURCES OOLITIC LIMEROCK. NO MORE THAN 45 PERCENT LOSS AS SPECIFIED BY AASHTO M63. NO MORE THAN 10 PERCENT LOSS IN 10 CYCLES GOVERNED BY THE SOUNDNESS TEST. GRADIATION AS SPECIFIED BY AASHTO M43 FOR SIZE NUMBER 23 (2 1/2 TO 3/4 INCH).

FRAMES, COVERS, AND GRATES:

1. THE FRAMES, COVERS, AND GRATES SHALL BE FABRICATED OR MANUFACTURED FROM MATERIALS CONFORMING TO ONE OF THE FOLLOWING REQUIREMENT:
 - 1.1. STEEL CASTING SHALL MEET THE REQUIREMENTS OF ASTM A27.
 - 1.2. STRUCTURAL STEEL FOR FRAMES, GRATES AND COVERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A36, A572 GRADE 50 OR A588.
2. ALL CASTING OR STRUCTURAL STEEL UNITS SHALL CONFORM TO THE DIMENSIONS SHOWN ON THE PLANS AND SHALL BE DESIGNED TO SUPPORT THE LOADINGS SPECIFIED. EACH FRAME AND COVER OR GRATE UNIT SHALL BE PROVIDED WITH FASTENING MEMBERS TO PREVENT IT FROM BEING DISLODGED BY TRAFFIC BUT WHICH WILL ALLOW EASY REMOVAL FOR ACCESS TO THE STRUCTURE.
3. ALL CASTINGS, FRAMES, AND FITTINGS SHALL BE PLACED IN THE POSITIONS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER, AND SHALL BE SET TRUE TO LINE AND TO CORRECT ELEVATION. IF FRAMES OR FITTINGS ARE TO BE SET IN CONCRETE OR CEMENT MORTAR, ALL ANCHORS OR BOLTS SHALL BE PROPERLY FASTENED BEFORE THE CONCRETE OR MORTAR IS PLACED. THE UNIT SHALL NOT BE DISTURBED UNTIL THE MORTAR OR CONCRETE HAS SET.

PAVEMENT MARKING AND SIGNAGE NOTES:

1. PROVIDE MARKINGS AS INDICATED ON THE DRAWINGS. PAVEMENT MARKINGS SHALL BE THERMOPLASTIC. LAY OUT WITH ACCURATE GUIDELINES. CLEAN AND AIRBLAST SURFACE OF PAVEMENT BEFORE PAINTING. APPLY IN DAYLIGHT HOURS, LEAVING SUFFICIENT TIME FOR PAINT TO DRY BY SUNSET. PAINT ONLY ON DRY SURFACES. PAINT BY BRUSH, ROLLER, OR SPECIALLY DESIGNED SPRAY MACHINES, WITH SHARP EDGES, WITHOUT BLUR. APPLY TWO COATS OF 15 MIL WET FILM THICKNESS EACH. IF FULL HIDING AND INTENSE COLOR CAN BE ACHIEVED WITH ONE COAT, REQUEST EXAMINATION AND DIRECTION BY AN ENGINEER.
2. TRAFFIC MATERIALS SHALL BE MADE OF CHLORINATED RUBBER, HIGHLY REFLECTIVE, ALKALI RESISTANT, NON-BLEEDING IN CONTACT WITH CONCRETE, COLOR AS INDICATED ON THE DRAWINGS. REFERENCE STANDARD: FS TT-P-115, TYPE II; SECTION 710 FDOT STANDARDS.
3. ALL WORK SHALL COMPLY WITH TOWN OF MEDLEY STANDARDS AND REGULATIONS.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL PAVEMENT MARKINGS AND SIGNS CONFLICTING WITH THE PROPOSED ROADWAY CONSTRUCTION.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL PAVEMENT MARKINGS AND SIGNS SHOWN IN THE PLANS AND APPLICABLE TRAFFIC DESIGN STANDARDS.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR MATCHING EXISTING PAVEMENT MARKINGS AT THE BEGINNING AND END OF THE PROJECT, AND AT ALL INTERSECTING STREETS. 2
7. 2
8. SIGN ASSEMBLY LOCATIONS IN THE PLANS WHICH ARE IN CONFLICT WITH STREET LIGHTING UTILITIES, DRIVEWAYS, PEDESTRIAN RAMPS, ETC. MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER/INSPECTOR. 2
9. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING PEDESTRIAN RAMPS WHERE SIDEWALK IS EXISTING. 2



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 MIAMI SHORES, FL 33138
 (305) 759-4757
 EB# 7916

PROJECT NOTES

FLOOD MITIGATION AREA
 MEDLEY, FL

SEAL

DIANA M. SANTANDER, P.E.
 FL # 65854

REVISIONS		
DATE	DRAWN BY	
07-02-10	P.D.K.	
01-26-12	R.G./B.J.F.	

DATE	6/30/2009
JOB No.	MED4607
DESIGN BY	B.J.F.
DRAWN BY	B.J.F.
CHECKED BY	D.M.S.

DRAWING No.	G-3
SHEET No.	3 OF 36 SHEETS

NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY

PAVING AND GRADING:

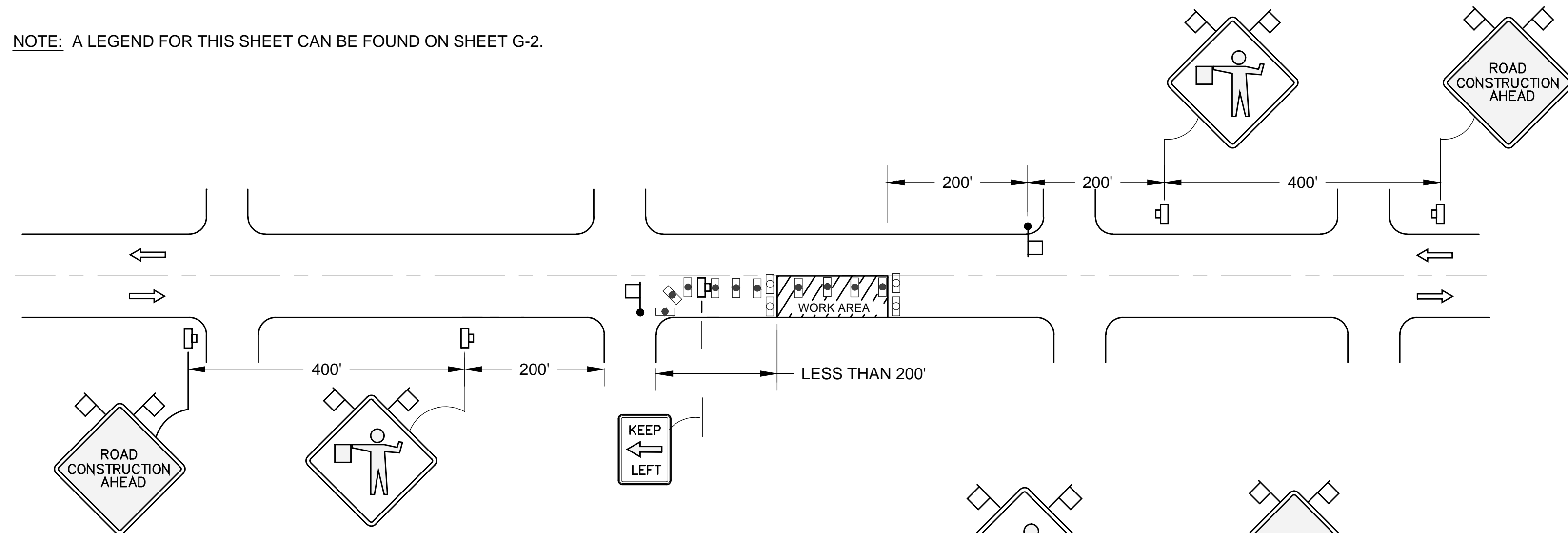
- THE CONTRACTOR SHALL PROVIDE CLEAN FILL FOR SUB-BASE AS NEEDED TO MEET THE ELEVATIONS SHOWN IN THE PLAN. SUB-BASE MATERIAL SHALL BE FREE OF ANY METALS, TRASH, VEGETATION OR ANY OTHER ORGANIC MATTER OF DELETERIOUS MATERIAL. COMPACT SUB-BASE AS NEEDED TO STABILIZE OR TO A MINIMUM OF 95 PERCENT DENSITY IN ACCORDANCE TO ASTM 01557-02.
- PROVIDE 6" TO 10" OF LIMEROCK BASE AND 12" OF LIMEROCK SUB-BASE PLACED AS SHOWN IN TYPICAL SECTIONS ON SHEET C-19 IN 5" AND 6" LIFTS, RESPECTIVELY. BASE COMPACTED TO 98% AND SUBBASE COMPACTED TO 95% MAXIMUM DENSITY IN ACCORDANCE TO THE PLANS, DRAWINGS, THE LATEST VERSION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) - STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, AND PUBLIC WORKS MANUAL - MIAMI-DADE COUNTY. THE LIMEROCK SHALL MEET THE REQUIREMENTS OF FDOT SPECIFICATIONS, SECTION 911. THE MATERIAL SHALL SHOW NO TENDENCY TO AIR SLAKE OR UNDERGO CHEMICAL CHANGE UNDER EXPOSURE TO WEATHER, NOR SHALL IT CONTAIN MORE THAN 0.5 PERCENT OF ORGANIC MATTER OR OBJECTIONABLE MATTER. IT SHALL CONTAIN BY WEIGHT, NO LESS THAN 70 PERCENT CALCIUM CARBONATE. THE LIMEROCK SHALL BE GRADED AS FOLLOWS:
 - A MINIMUM OF 97% PASING 3 1/2" SIEVE.
 - A MAXIMUM OF 70% PASING A 3/4" SIEVE.
- GRADING SHALL COMPLY WITH THE FOLLOWING TOLERANCES:
 - FLATNESS: MAXIMUM VARIATION OF 1/4 INCH MEASURED WITH 10-FOOT STRAIGHT EDGE.
 - SCHEDULE COMPACTED THICKNESS: WITHIN 1/4 INCH.
 - VARIATION FROM DESIGN ELEVATION: WITHIN 0.1 FOOT.
- ASPHALT PAVEMENT SHALL HAVE THE FOLLOWING CHARACTERISTICS:
 - ASPHALT CONCRETE TYPE SP-9.5 TRAFFIC LEVEL C CONFORMING TO FDOT - STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SECTION 334 - SUPERPAVE ASPHALT CONCRETE.
 - COARSE AGGREGATE SHALL CONFORM TO FDOT - STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SECTION 901.
 - FINE AGGREGATE SHALL CONFORM TO FDOT - STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SECTION 902.
- INSTALL ASPHALT PAVEMENT IN ACCORDANCE WITH THE LATEST VERSION OF FDOT - STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, AND THE PUBLIC WORKS MANUAL - MIAMI-DADE COUNTY. TOLERANCE FOR ASPHALT PAVEMENT SHALL BE AS FOLLOWS:
 - FLATNESS: MAXIMUM VARIATION OF 3/16 INCH MEASURED WITH 15 FOOT (3M) STRAIGHT EDGE ALONG THE CENTERLINE OF THE ROADWAY, AND SHALL NOT VARY BY MORE THAN 1/4 INCH FROM THE TEMPLATE CUT TO THE CROSS SECTION OF THE ROAD.
 - SCHEDULE COMPACTED THICKNESS: WITHIN 1/4 INCH.
 - VARIATION FROM TRUE ELEVATION: WITHIN 0.1 FOOT.
- CONTRACTOR SHALL MEET AND MATCH EXISTING ROAD ELEVATION BY PROVIDING A SMOOTH TRANSITION.
- CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE DONE TO EXISTING DRIVEWAYS DURING CONSTRUCTION AND SHALL RESTORE, TO ORIGINAL CONDITION OR BETTER, ALL DRIVEWAYS WITHIN PROJECT SITE EXTENDING TO BOUNDARIES OF THE RIGHT-OF-WAY.
- CONTRACTOR SHALL GRADE NEW PAVEMENT TO OBTAIN 0.5% SLOPE MINIMUM.

EROSION AND SEDIMENTATION CONTROL:

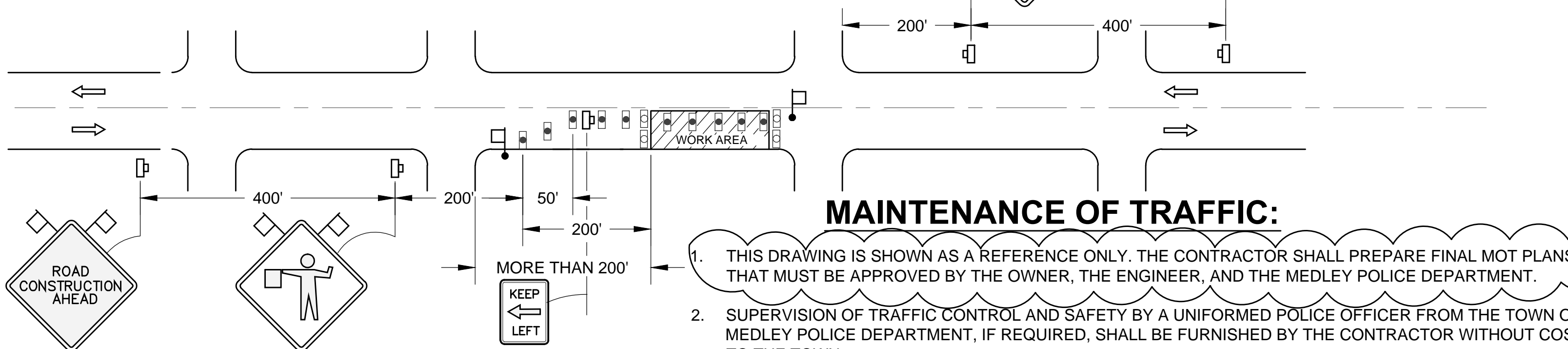
- CONTRACTOR SHALL INSTALL A TYPE III SILT FENCE, AS PER FOOT STANDARD INDEX No. 102, AROUND THE LIMITS OF CONSTRUCTION PRIOR TO ANY DEMOLITION, FILLING OR GRADING OF ANY PORTIONS OF THE SITE.
- PROPOSED CURB INLETS, ONCE INSTALLED, SHALL BE PROTECTED FROM EROSION AND SEDIMENT RUNOFF BY THE USE OF GRAVEL FILLED BAGS. PROPOSED SWALE INLETS SHALL BE PROTECTED WITH GEO-TEXTILE (FILTER) FABRIC.
-
- TOP OF SOIL PILES AND DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR AT LEAST 21 DAYS SHALL BE STABILIZED WITH SEED AND MULCH NO LATER THAN 14 DAYS FROM THE LAST CONSTRUCTION ACTIVITY IN THAT AREA.
- THE SEEDING SHALL BE RYE (GRAIN) APPLIED AT THE RATE OF 120 POUNDS PER ACRE.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES PERMANENTLY CEASE SHALL BE STABILIZED WITH PERMANENT SEED NO LATER THAN 15 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY. SEEDING SHALL BE THE SAME AS IN TEMPORARILY SEEDING. AFTER SEEDING, EACH AREA SHALL BE MULCHED WITH 1.5 TONS OF STRAW PER ACRE, 4 TONS OF WOOD CHIPS PER ACRE, 0.5 TONS OF WOOD FIBERS PER ACRE, OR 50 C.Y. OF SHREDDED BARK CHIPS PER ACRE.

- ALL CONSTRUCTION WASTE MATERIAL SHALL BE COLLECTED AND STORED IN A SECURED METAL DUMPSTER RENTED FROM A LOCAL WASTE MANAGEMENT COMPANY. THE DUMPSTER WILL MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT REGULATIONS. ALL PERSONNEL SHALL BE INSTRUCTED REGARDING THE CORRECT PROCEDURES FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES SHALL BE POSTED IN THE OFFICE TRAILER AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.
- ALL SANITARY WASTE SHALL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF ONCE PER WEEK BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR, AS REQUIRED BY LOCAL REGULATIONS.
- DUMP TRUCKS IMPORTING FILL MATERIALS TO THE SITE SHALL COVER THEIR LOADS WITH A TARPULIN TO AVOID UNNECESSARY GENERATION OF DUST.
- ALL HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF AS PER LOCAL AND/OR STATE REGULATIONS OR AS RECOMMENDED BY THE MANUFACTURER. SITE PERSONNEL SHALL BE INSTRUCTED IN THESE PRACTICES AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.
- THE GENERAL CONTRACTOR'S SITE SUPERINTENDENT SHALL SELECT AT LEAST ONE INDIVIDUAL WHO WILL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES. PERSONNEL SELECTED FOR INSPECTION AND MAINTENANCE RESPONSIBILITIES SHALL RECEIVE PROPER TRAINING IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING EROSION AND SEDIMENT CONTROLS USED ONSITE IN GOOD WORKING ORDER.
- BUILT UP SEDIMENT WILL BE REMOVED FROM THE SILT FENCE WHEN IT HAS REACHED ONE THIRD OF THE HEIGHT OF THE FENCE.
- SILT FENCE SHALL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS, IF FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND IF FENCE POSTS ARE FIRMLY IN THE GROUND.
- TEMPORARY AND PERMANENT SEEDING AND PLANTING SHALL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.
- INSPECTION OF EROSION AND SEDIMENTATION CONTROLS BY THE CONTRACTOR'S REPRESENTATIVE SHALL BE PERFORMED EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER. THE CONTRACTOR SHALL CORRECT DAMAGE OR PROVIDE MAINTENANCE AS RECOMMENDED AS SOON AS PRACTICAL BUT IN NO CASE LATER THAN SEVEN CALENDAR DAYS FOLLOWING THE INSPECTION. ALL CONTROLS MUST BE IN GOOD OPERATING CONDITION UNTIL THE AREA THEY PROTECT HAS BEEN COMPLETELY STABILIZED AND THE CONSTRUCTION IS COMPLETED.

NOTE: A LEGEND FOR THIS SHEET CAN BE FOUND ON SHEET G-2.



DETAIL 1
N.T.S.



DETAIL 2

MAINTENANCE OF TRAFFIC:

- THIS DRAWING IS SHOWN AS A REFERENCE ONLY. THE CONTRACTOR SHALL PREPARE FINAL MOT PLANS THAT MUST BE APPROVED BY THE OWNER, THE ENGINEER, AND THE MEDLEY POLICE DEPARTMENT.
- SUPERVISION OF TRAFFIC CONTROL AND SAFETY BY A UNIFORMED POLICE OFFICER FROM THE TOWN OF MEDLEY POLICE DEPARTMENT, IF REQUIRED, SHALL BE FURNISHED BY THE CONTRACTOR WITHOUT COST TO THE TOWN.
- LIGHTED BARRICADES OR DRUMS SHALL BE USED TO MARK BARRICADING AND CHANNELIZATION AT NIGHT PER TYPE LISTED ON DRAWING G-2.
- SPEED LIMIT TO BE APPROVED BY THE OWNER AND THE MEDLEY POLICE DEPARTMENT.
- AT NIGHT STEADY BURN LAMPS REQUIRED TO DELINEATE VEHICLE PATH.
- THE CONTRACTOR IS RESPONSIBLE FOR SECURING FINAL M.O.T. PERMIT APPROVALS FROM AGENCIES.
- CONTRACTOR SHALL REFER TO THE LATEST FDOT AND MIAMI-DADE COUNTY DEPARTMENT OF PUBLIC WORKS AND WASTE MANAGEMENT STANDARDS WHEN PREPARING FINAL MOT.



9499 N.E. 2nd AVENUE, SUITE 207
MIAMI SHORES, FL 33138
(305) 759-4757
EB# 7916

PROJECT NOTES (CONTINUED) AND
MAINTENANCE OF TRAFFIC

FLOOD MITIGATION AREA
MEDLEY, FL

NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY

SEAL

DIANA M. SANTANDER, P.E.
FL # 65854

REVISIONS

NO.	DATE	DRAWN BY
1	07-02-10	P.D.K.
2	01-26-12	R.G./B.J.F.

DATE	6/30/2009
JOB No.	MED4607
DESIGN BY	B.J.F.
DRAWN BY	B.J.F.
CHECKED BY	D.M.S.

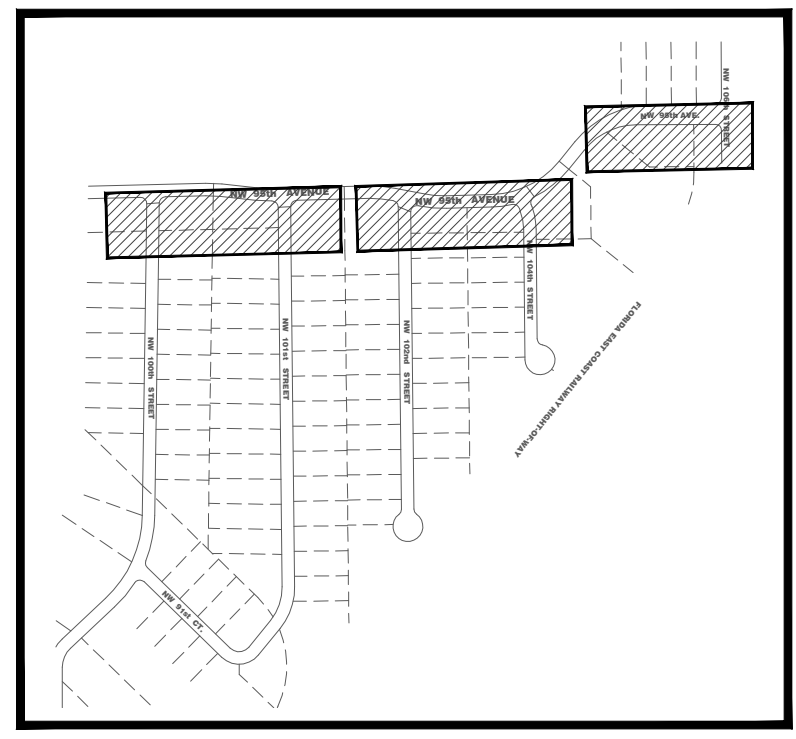
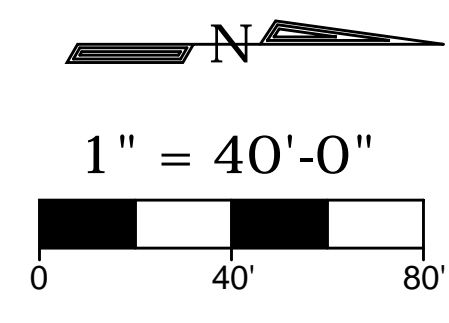
DRAWING No. G-4

SHEET No.

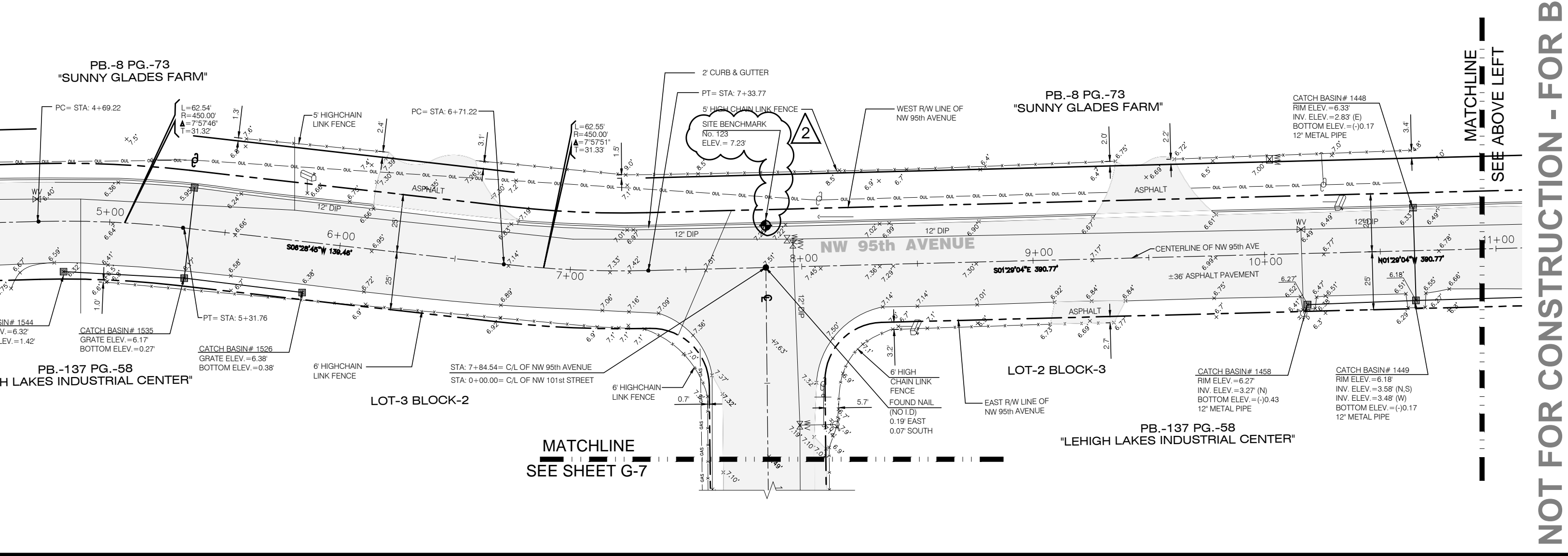
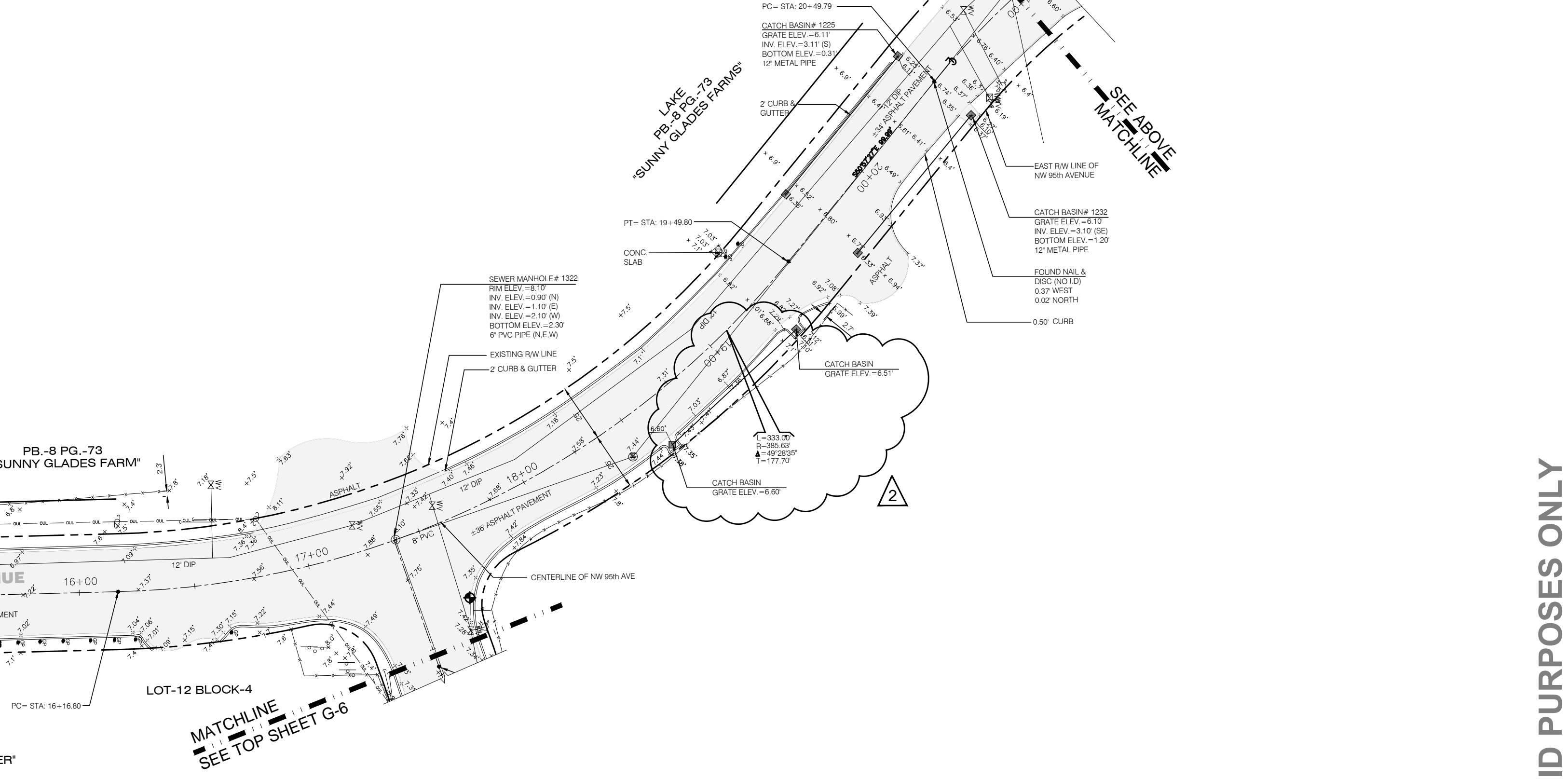
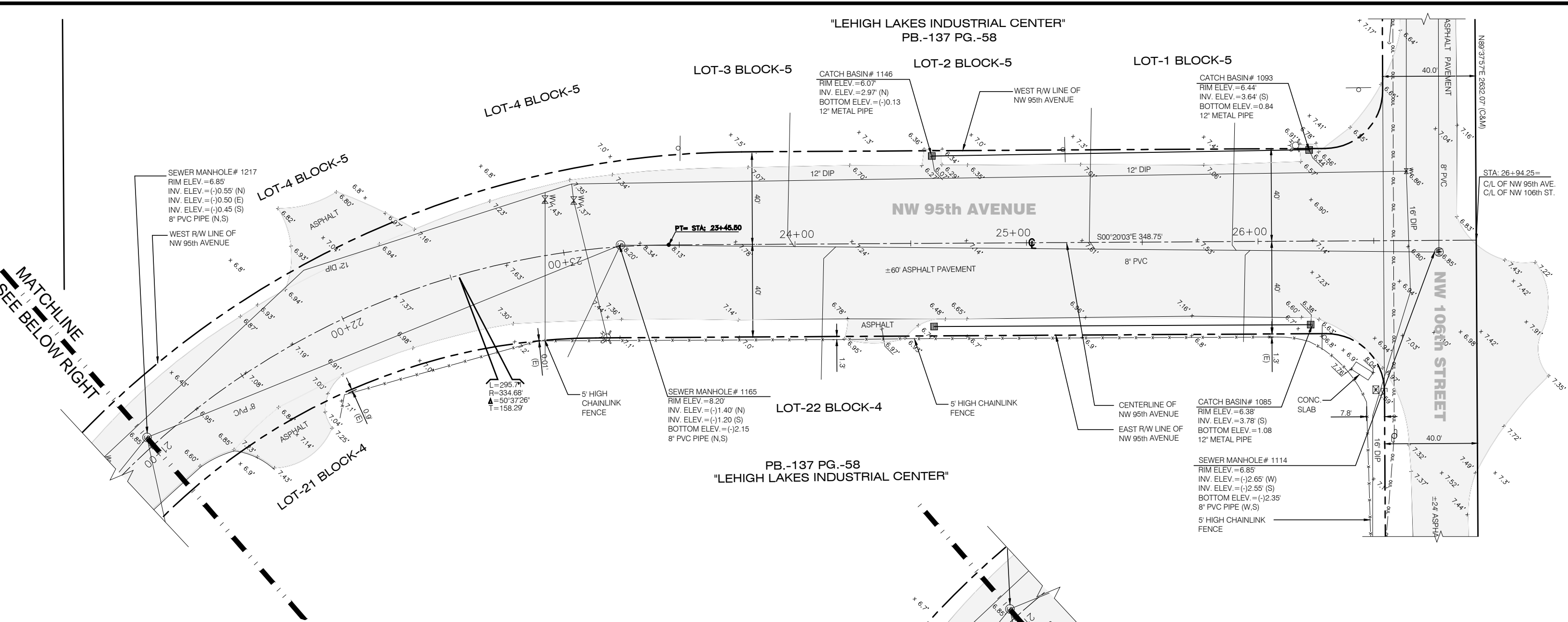
4 OF 36 SHEETS

REVISION NOTES:

1. THIS REVISION INCLUDES THE ADDITION OF CENTERLINES ALONG PROJECT RIGHT-OF-WAYS AND RIGHT-OF-WAY LINES ALONG FEC RAILROAD CORRIDOR.



- NOTES:**
- BASED ON SURVEY BY HADONNE CORPORATION DATED JULY 24TH, 2008.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTING CONDITIONS AT THE SITE.



Westhorp ASSOCIATES, INC.

9499 N.E. 2nd AVENUE, SUITE 207
MIAMI SHORES, FL 33138
(305) 759-4757
EB# 7916

EXISTING CONDITIONS
NW 95TH AVENUE

FLOOD MITIGATION AREA
MEDLEY, FL

NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY

SEAL

DIANA SANTANDER, P.E.
FL # 65854

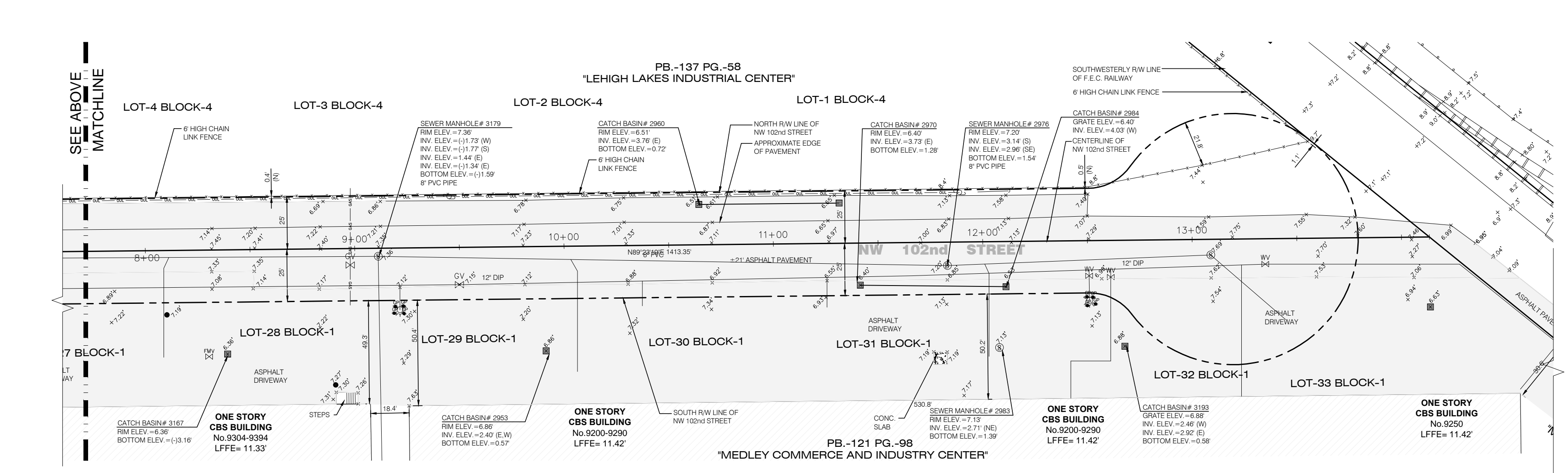
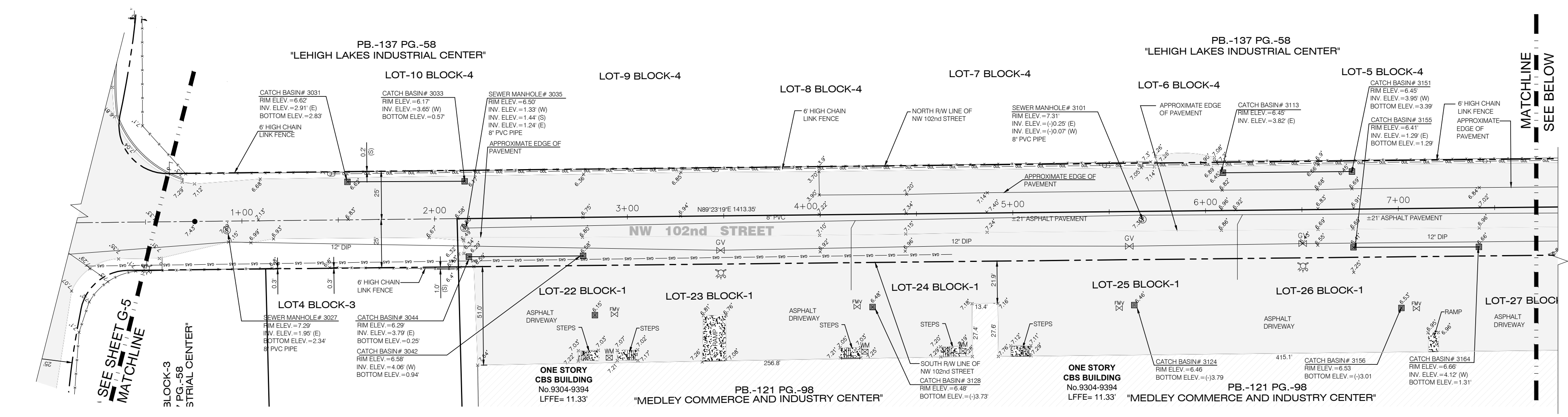
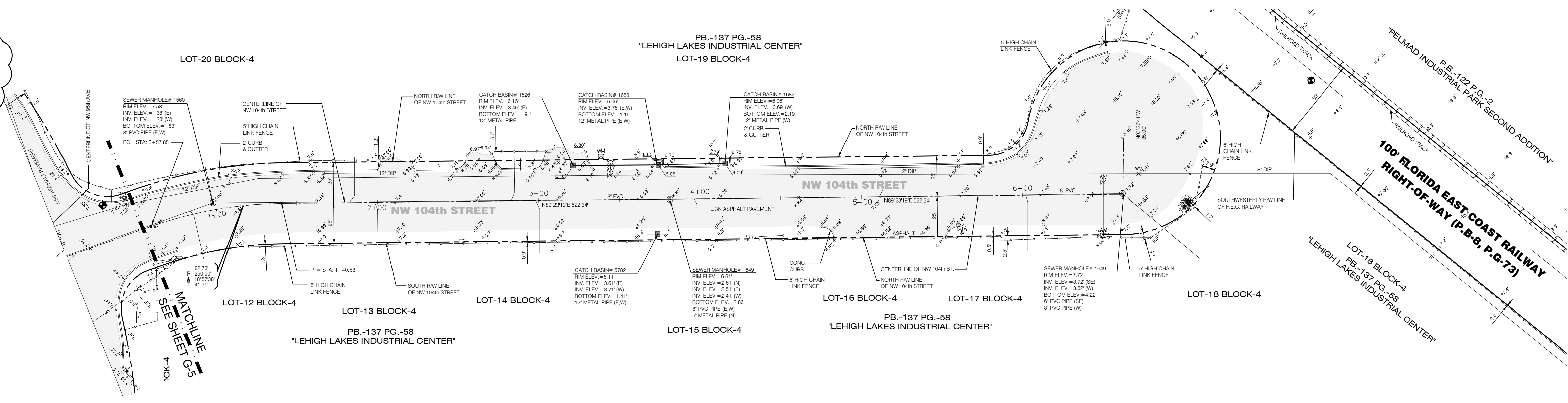
REVISIONS		
DATE	DATE	DRAWN BY
07-02-10		P.D.K.
01-26-12		R.G./B.J.F.

DATE 6/30/2009
JOB No. MED4607
DESIGN BY B.J.F.
DRAWN BY B.J.F.
CHECKED BY D.M.S.

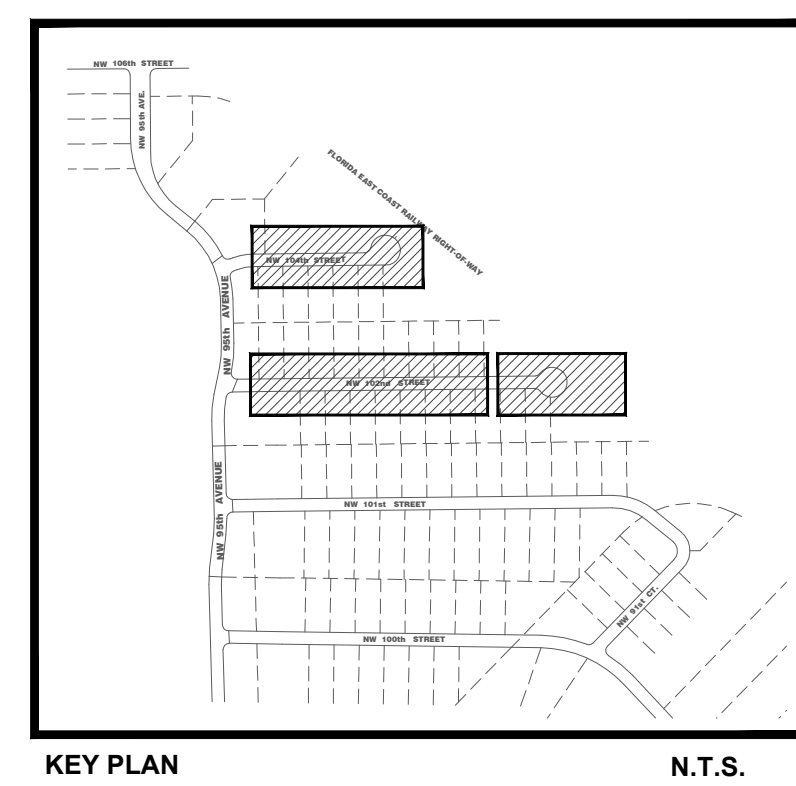
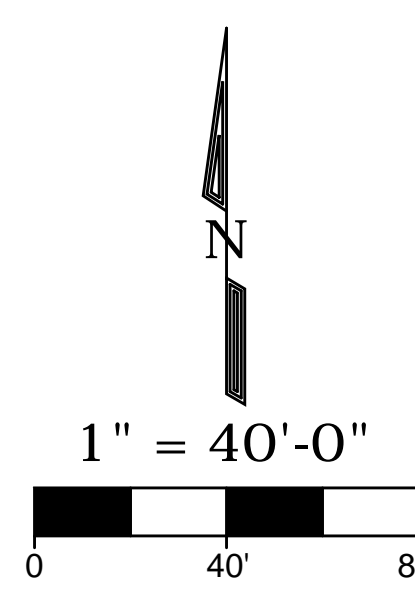
DRAWING No. G-5
SHEET No. 5 OF 36 SHEETS

REVISION NOTES:

1. THIS REVISION INCLUDES THE ADDITION OF CENTERLINES ALONG PROJECT RIGHT-OF-WAYS AND RIGHT-OF-WAY LINES ALONG FEC RAILROAD CORRIDOR.



- NOTES:**
- BASED ON SURVEY BY HADONNE CORPORATION DATED JULY 24TH, 2008.
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Westhorp ASSOCIATES, INC.

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 MIAMI SHORES, FL 33138
 (305) 759-4757
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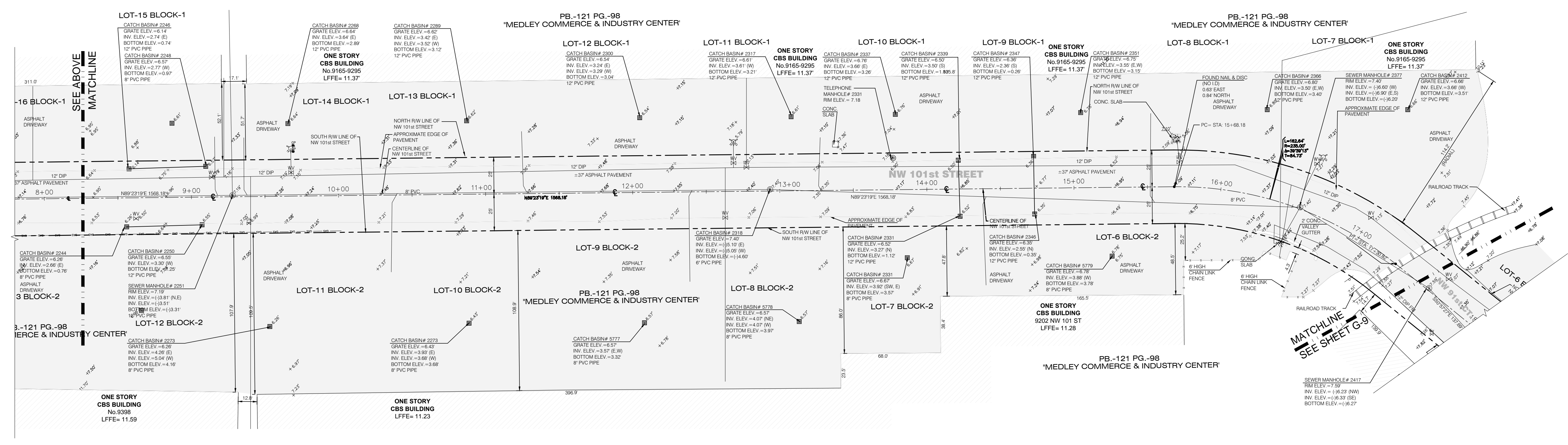
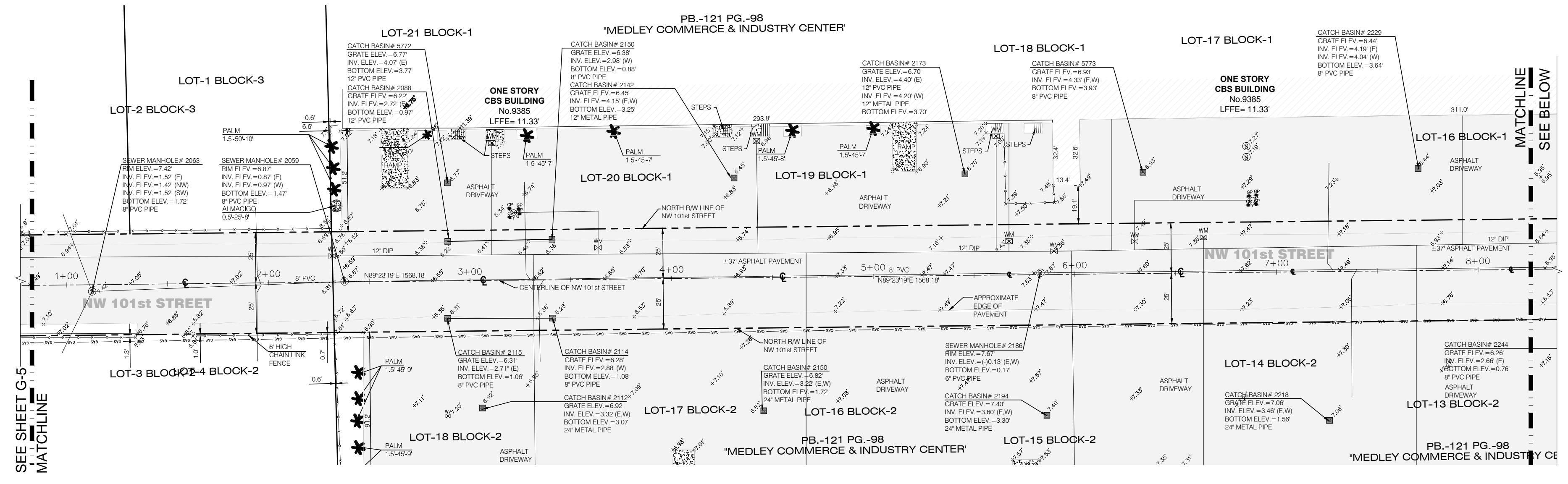
EXISTING CONDITIONS
 NW 104TH STREET AND NW 102ND STREET
 FLOOD MITIGATION AREA
 MEDLEY, FL

NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY

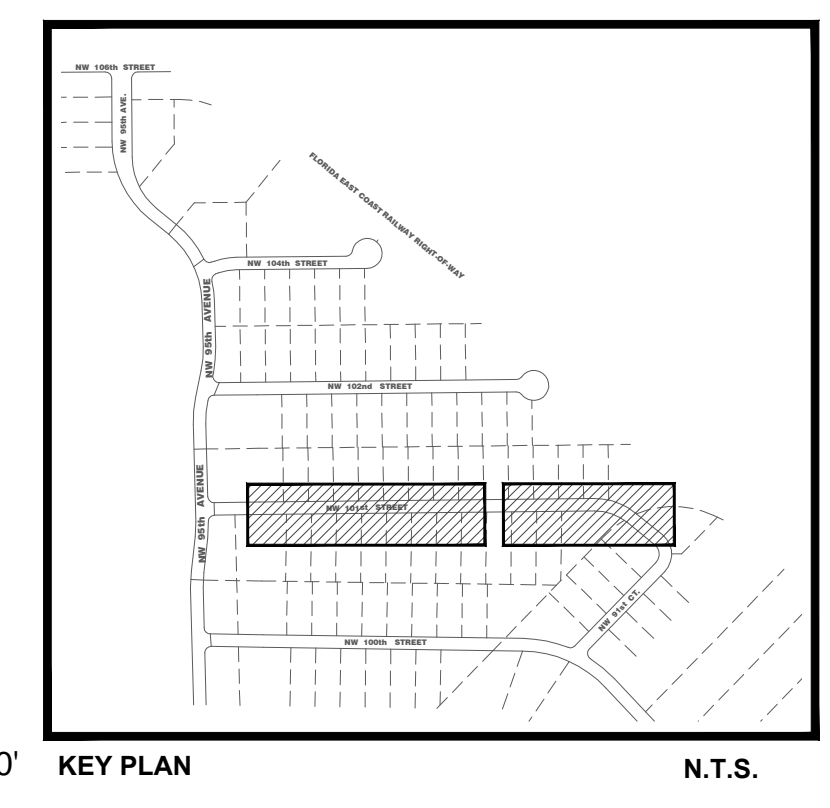
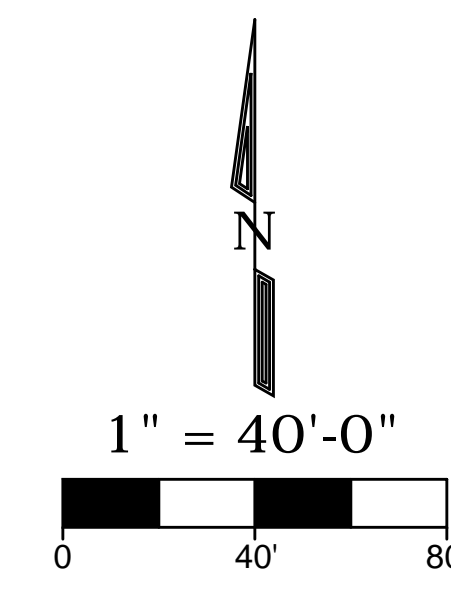
SEAL		
DIANA SANTANDER, P.E. FL # 65854		
REVISIONS		
○	DATE	DRAWN BY
△	07-02-10	P.D.K.
△	01-26-12	R.G./B.J.F.
DATE 6/30/2009		
JOB No. MED4607		
DESIGN BY B.J.F.		
DRAWN BY B.J.F.		
CHECKED BY D.M.S.		
DRAWING No.		G-6
SHEET No.		
6 OF 36 SHEETS		

REVISION NOTES: 2

- THIS REVISION INCLUDES THE ADDITION OF CENTERLINES ALONG PROJECT RIGHT-OF-WAYS AND RIGHT-OF-WAY LINES ALONG FEC RAILROAD CORRIDOR.



- NOTES:**
- BASED ON SURVEY BY HADONNE CORPORATION DATED JULY 24TH, 2008.
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Westhorp ASSOCIATES, INC.
 9499 N.E. 2nd AVENUE, SUITE 207
 MIAMI SHORES, FL 33138
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EXISTING CONDITIONS
 NW 101ST STREET
 FLOOD MITIGATION AREA
 MEDLEY, FL

NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY

SEAL

DIANA SANTANDER, P.E.
 FL # 65854

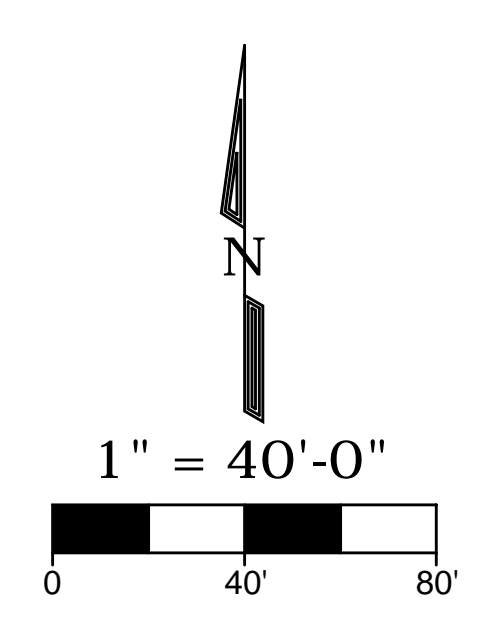
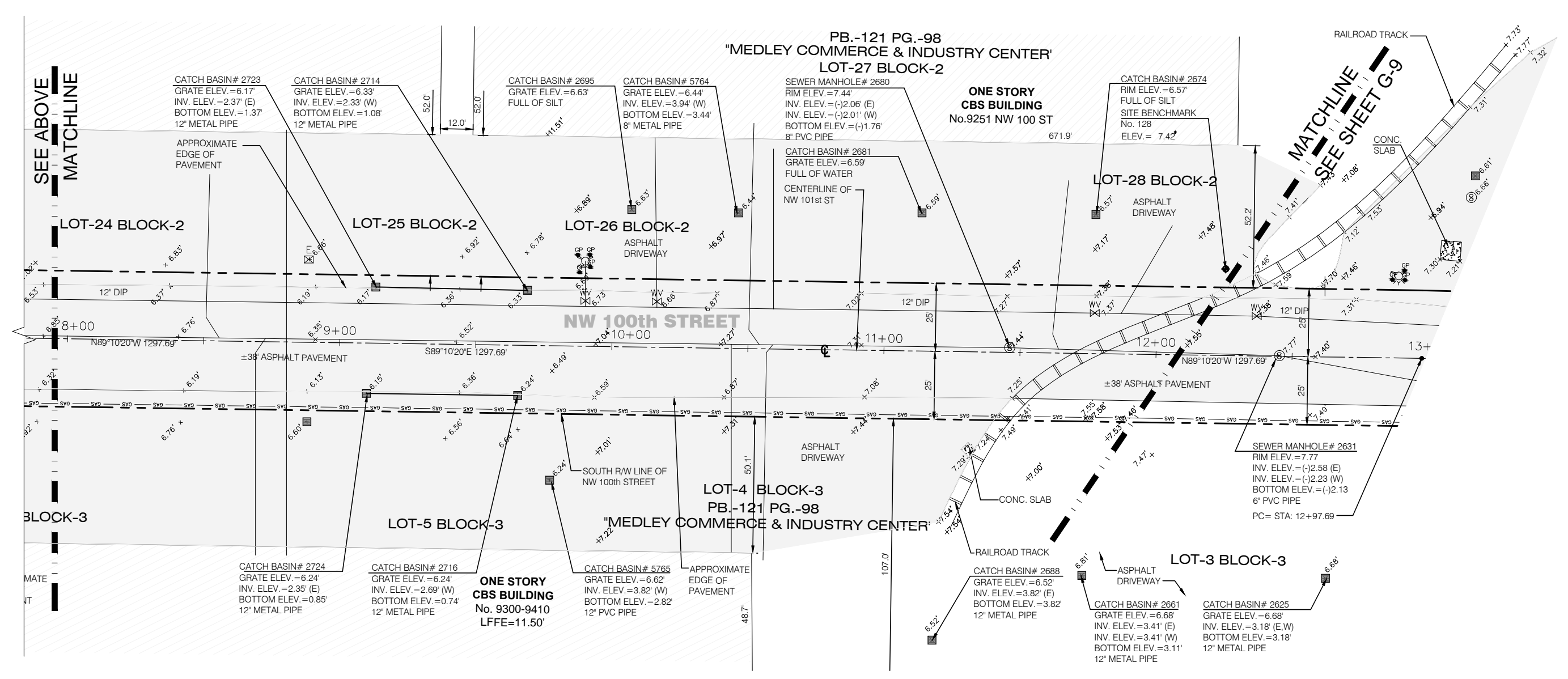
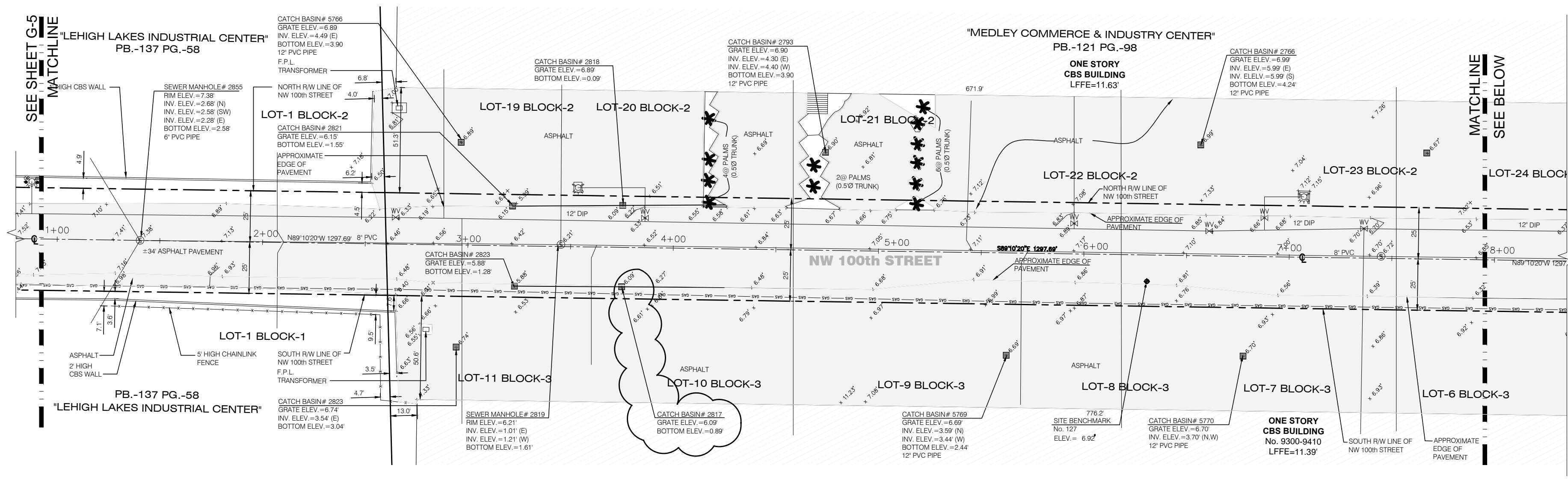
REVISIONS		
DATE	DRAWN BY	
07-02-10	P.D.K.	
01-26-12	R.G./B.J.F.	

DATE 6/30/2009
 JOB No. MED4607
 DESIGN BY B.J.F.
 DRAWN BY B.J.F.
 CHECKED BY D.M.S.

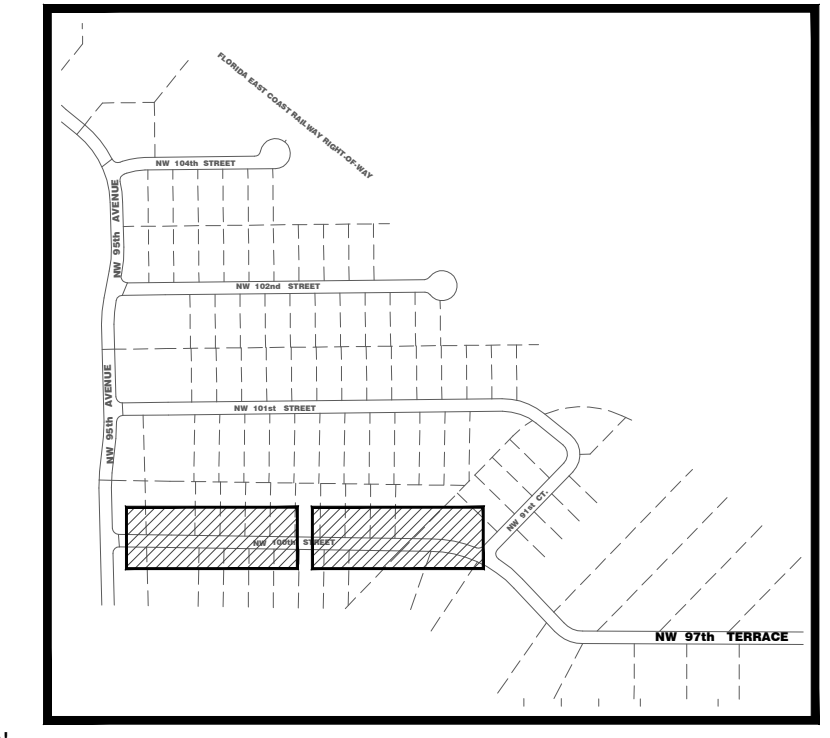
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 SHEET No.

REVISION NOTES:

1. THIS REVISION INCLUDES THE ADDITION OF CENTERLINES ALONG PROJECT RIGHT-OF-WAYS AND RIGHT-OF-WAY LINES ALONG FEC RAILROAD CORRIDOR.



- NOTES:**
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 - CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTING CONDITIONS AT THE SITE.



EXISTING CONDITIONS
 NW 100TH STREET
 FLOOD MITIGATION AREA
 MEDLEY, FL

NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY

SEAL

DIANA SANTANDER, P.E.
 FL # 65854

REVISIONS		
DATE	DRAWN BY	
07-02-10	P.D.K.	
01-26-12	R.G./B.J.F.	

DATE 6/30/2009
 JOB No. MED4607
 DESIGN BY B.J.F.
 DRAWN BY B.J.F.
 CHECKED BY D.M.S.

DRAWING No. G-8
 SHEET No. 8 OF 36 SHEETS

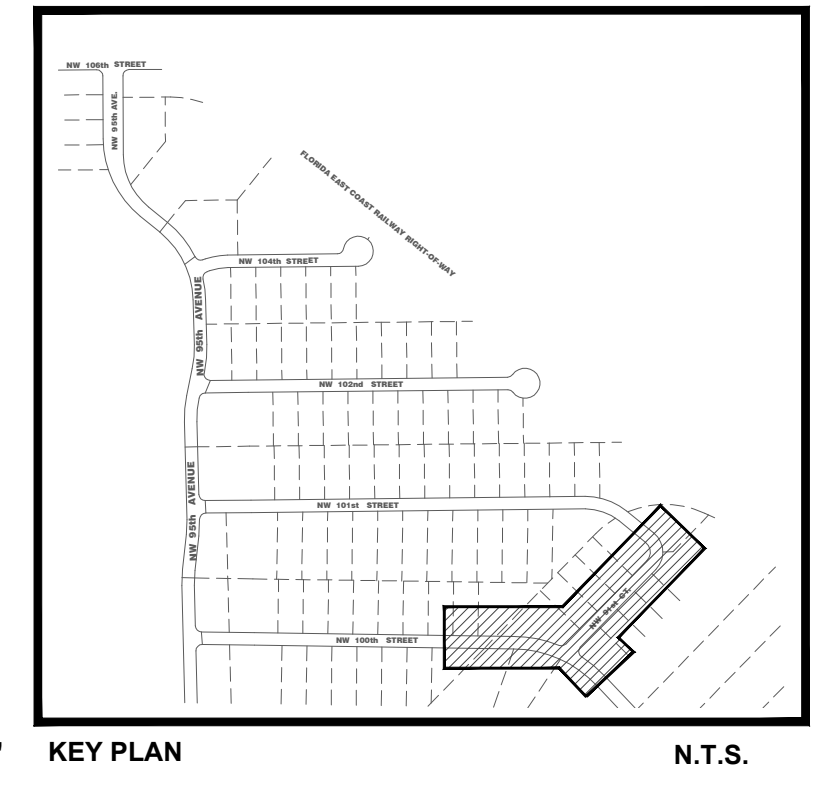
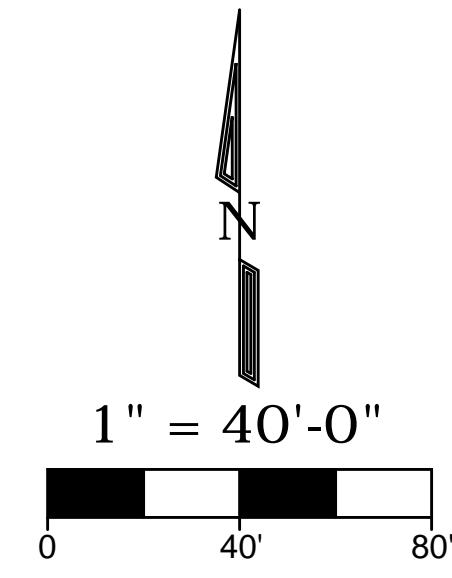
REVISION NOTES:

1. THIS REVISION INCLUDES THE ADDITION OF CENTERLINES ALONG PROJECT RIGHT-OF-WAYS AND RIGHT-OF-WAY LINES ALONG FEC RAILROAD CORRIDOR.

2



- NOTES:**
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Westhorp ASSOCIATES, INC.
 9499 N.E. 2nd AVENUE, SUITE 207
 MIAMI SHORES, FL 33138
 (305) 759-4757
 EB# 7916

EXISTING CONDITIONS
 NW 91ST COURT
 FLOOD MITIGATION AREA
 MEDLEY, FL

NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY

SEAL

DIANA SANTANDER, P.E.
 FL # 65854

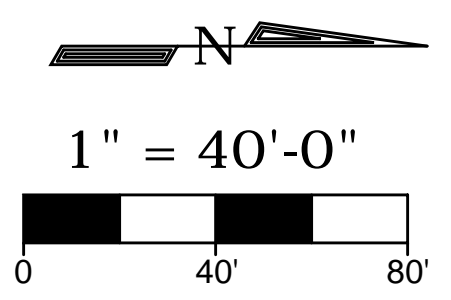
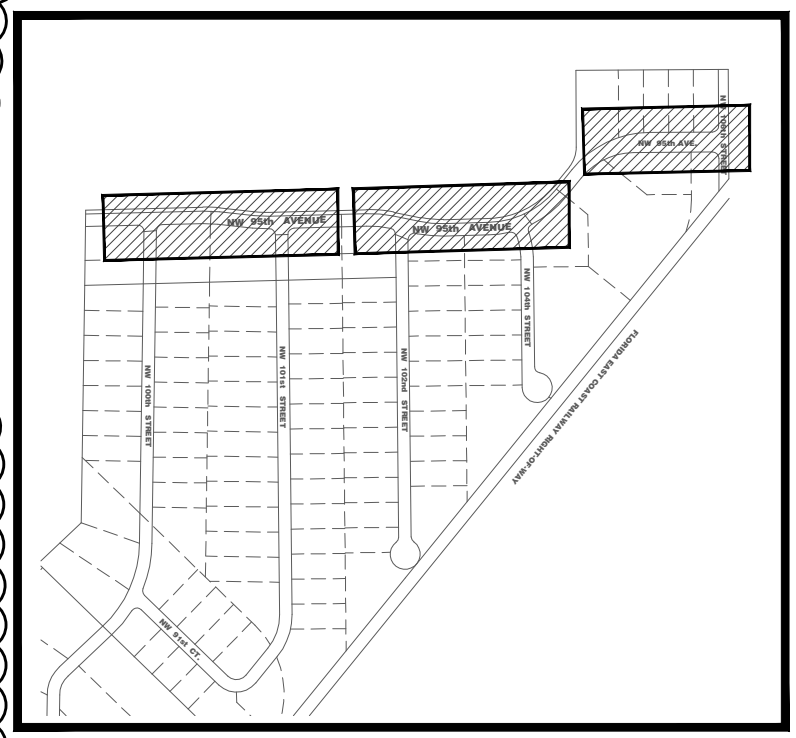
REVISIONS		
DATE	DATE	DRAWN BY
07-02-10		P.D.K.
01-26-12		R.G./B.J.F.

DATE 6/30/2009
 JOB No. MED4607
 DESIGN BY B.J.F.
 DRAWN BY B.J.F.
 CHECKED BY D.M.S.

DRAWING No. G-9
 SHEET No. 9 OF 36 SHEETS

REVISION NOTES:

1. THIS REVISION INCLUDES THE ADDITION OF CENTERLINES ALONG PROJECT RIGHT-OF-WAYS AND RIGHT-OF-WAY LINES ALONG FEC RAILROAD CORRIDOR.
2. ADDITIONAL DRAINAGE WORK IS SHOWN ON THESE REVISED PLANS. THIS WORK WILL BE CLARIFIED IN DETAIL (LOCATIONS OF STRUCTURES, STRUCTURE DIMENSIONS, AND PIPE LENGTHS AND DEPTHS) IN THE FINAL CONSTRUCTION SET OF DRAWINGS TO BE PROVIDED TO THE CONTRACTED BIDDER.

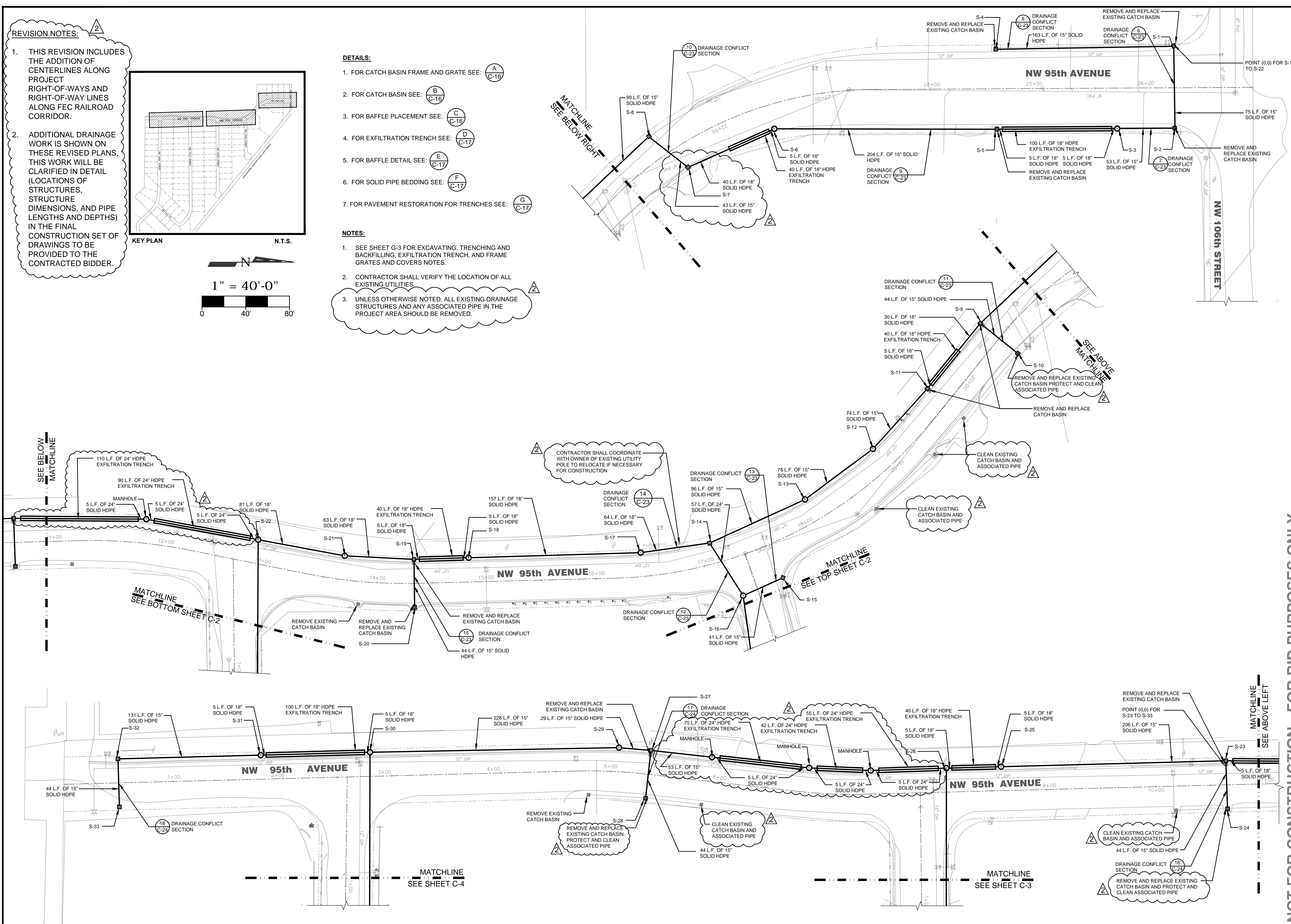


DETAILS:

1. FOR CATCH BASIN FRAME AND GRATE SEE: **A C-16**
2. FOR CATCH BASIN SEE: **B C-16**
3. FOR BAFFLE PLACEMENT SEE: **C C-16**
4. FOR EXFILTRATION TRENCH SEE: **D C-17**
5. FOR BAFFLE DETAIL SEE: **E C-17**
6. FOR SOLID PIPE BEDDING SEE: **F C-17**
7. FOR PAVEMENT RESTORATION FOR TRENCHES SEE: **G C-17**

NOTES:

1. SEE SHEET G-3 FOR EXCAVATING, TRENCHING AND BACKFILLING, EXFILTRATION TRENCH, AND FRAME GRATES AND COVERS NOTES.
2. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES.
3. UNLESS OTHERWISE NOTED, ALL EXISTING DRAINAGE STRUCTURES AND ANY ASSOCIATED PIPE IN THE PROJECT AREA SHOULD BE REMOVED.



**DRAINAGE
 NW 95TH AVENUE
 FLOOD MITIGATION AREA
 MEDLEY, FL**

SEAL

DIANA M. SANTANDER, P.E.
 FL # 65854

REVISIONS		
DATE	DATE	DRAWN BY
07-02-10		P.D.K.
01-26-12		R.G./B.J.F.

DATE	6/30/2009
JOB No.	MED4607
DESIGN BY	B.J.F.
DRAWN BY	B.J.F.
CHECKED BY	D.M.S.

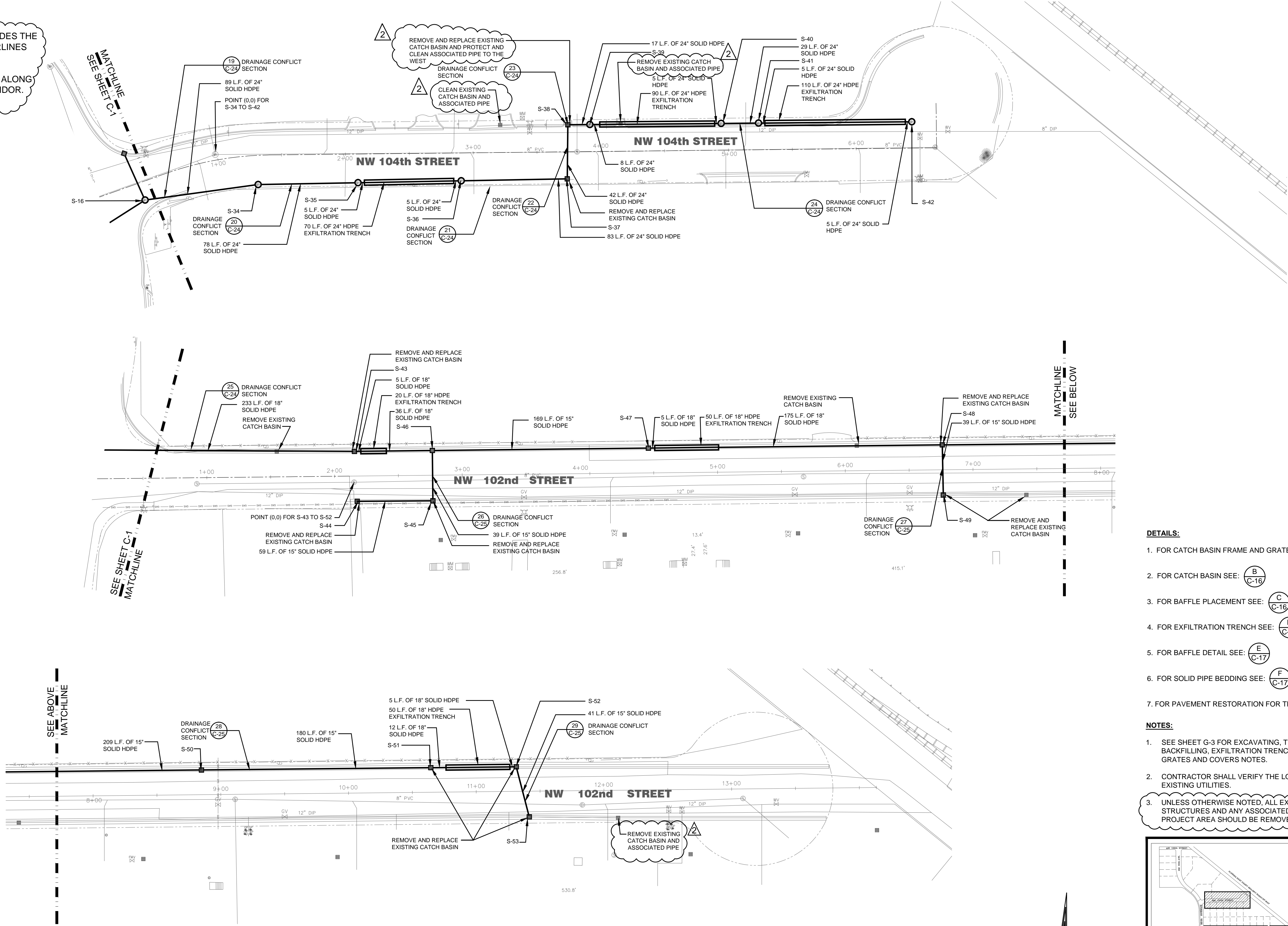
DRAWING No. **C-1**

SHEET No.
10 OF **36** SHEETS

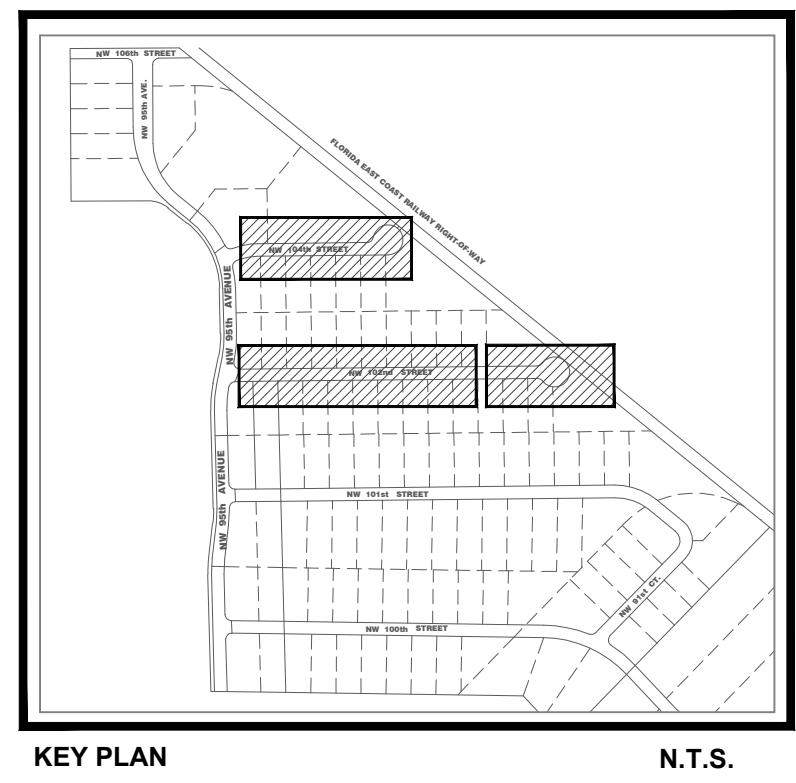
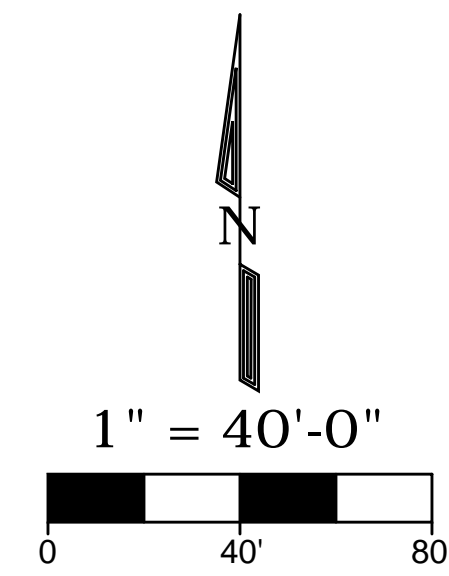
NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY

REVISION NOTES:

1. THIS REVISION INCLUDES THE ADDITION OF CENTERLINES ALONG PROJECT RIGHT-OF-WAY LINES AND RIGHT-OF-WAY LINES ALONG FEC RAILROAD CORRIDOR.



- DETAILS:**
- FOR CATCH BASIN FRAME AND GRATE SEE: (A) C-16
 - FOR CATCH BASIN SEE: (B) C-16
 - FOR BAFFLE PLACEMENT SEE: (C) C-16
 - FOR INFILTRATION TRENCH SEE: (D) C-17
 - FOR BAFFLE DETAIL SEE: (E) C-17
 - FOR SOLID PIPE BEDDING SEE: (F) C-17
 - FOR PAVEMENT RESTORATION FOR TRENCHES SEE: (G) C-17
- NOTES:**
- SEE SHEET G-3 FOR EXCAVATING, TRENCHING AND BACKFILLING, INFILTRATION TRENCH, AND FRAME GRATES AND COVERS NOTES.
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 - UNLESS OTHERWISE NOTED, ALL EXISTING DRAINAGE STRUCTURES AND ANY ASSOCIATED PIPE IN THE PROJECT AREA SHOULD BE REMOVED.



**DRAINAGE
 NW 104TH STREET AND NW 102ND STREET
 FLOOD MITIGATION AREA
 MEDLEY, FL**

NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY

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 FL # 65854

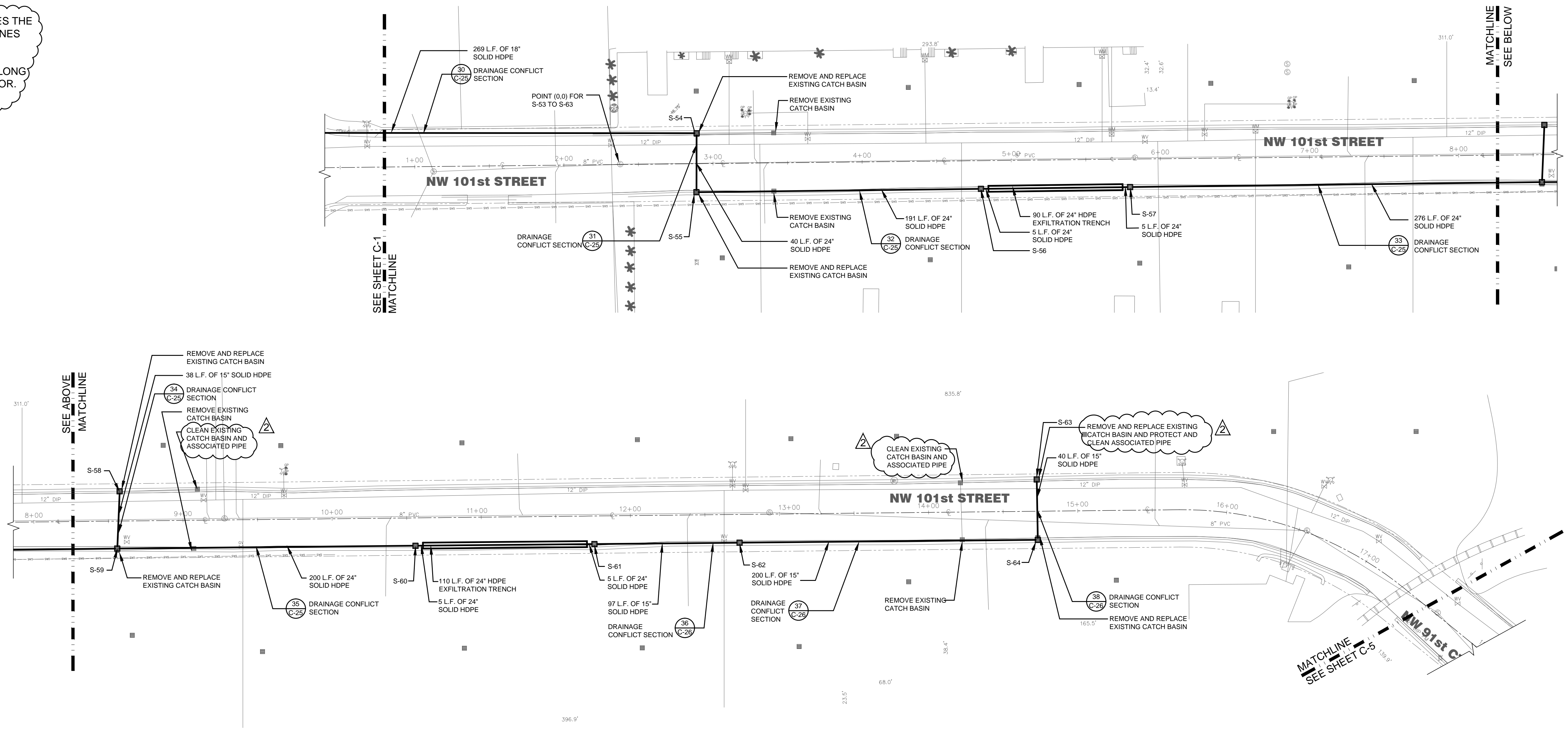
REVISIONS		
DATE	DRAWN BY	
07-02-10	P.D.K.	
01-26-12	R.G./B.J.F.	

DATE	6/30/2009
JOB No.	MED4607
DESIGN BY	B.J.F.
DRAWN BY	B.J.F.
CHECKED BY	D.M.S.

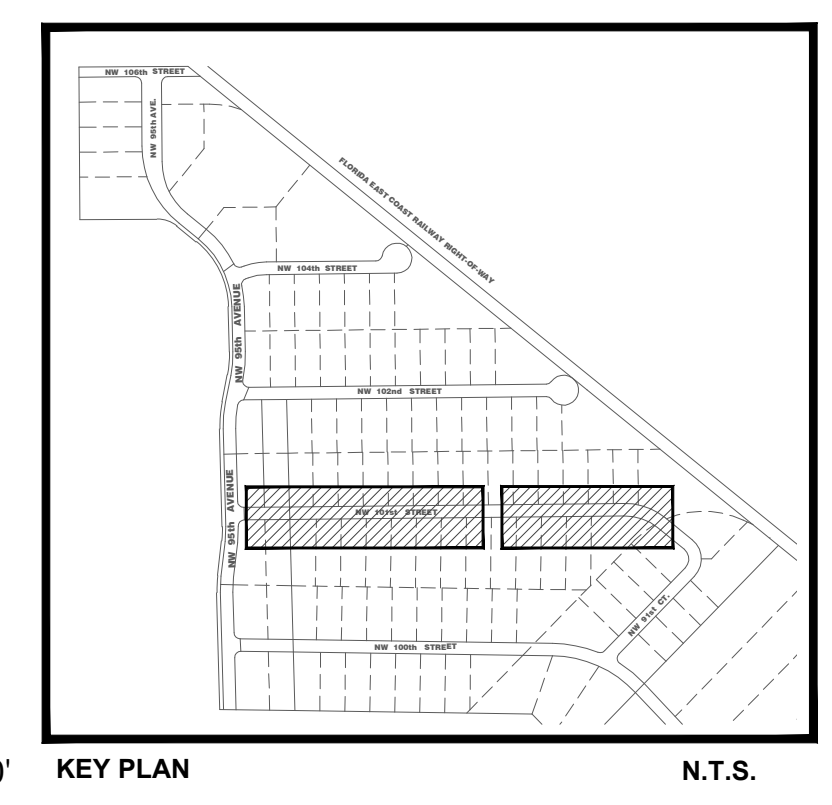
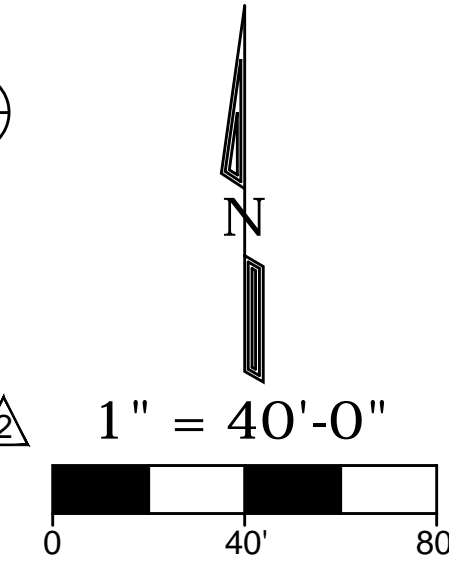
DRAWING No.	C-2
SHEET No.	

REVISION NOTES:

1. THIS REVISION INCLUDES THE ADDITION OF CENTERLINES ALONG PROJECT RIGHT-OF-WAYS AND RIGHT-OF-WAY LINES ALONG FEC RAILROAD CORRIDOR.



- DETAILS:**
- FOR CATCH BASIN FRAME AND GRATE SEE: A / C-16
 - FOR CATCH BASIN SEE: B / C-16
 - FOR BAFFLE PLACEMENT SEE: C / C-16
 - FOR EXFILTRATION TRENCH SEE: D / C-17
 - FOR BAFFLE DETAIL SEE: E / C-17
 - FOR SOLID PIPE BEDDING SEE: F / C-17
 - FOR PAVEMENT RESTORATION FOR TRENCHES SEE: G / C-17
- NOTES:**
- SEE SHEET G-3 FOR EXCAVATING, TRENCHING AND BACKFILLING, EXFILTRATION TRENCH, AND FRAME GRATES AND COVERS NOTES.
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 9499 N.E. 2nd AVENUE, SUITE 207
 MIAMI SHORES, FL 33138
 (305) 759-4757
 EB# 7916

**DRAINAGE
 NW 101ST STREET
 FLOOD MITIGATION AREA
 MEDLEY, FL**

NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY

SEAL

DIANA M. SANTANDER, P.E.
 FL # 65854

REVISIONS		
DATE	DATE	DRAWN BY
A	07-02-10	P.D.K.
B	01-26-12	R.G./B.J.F.

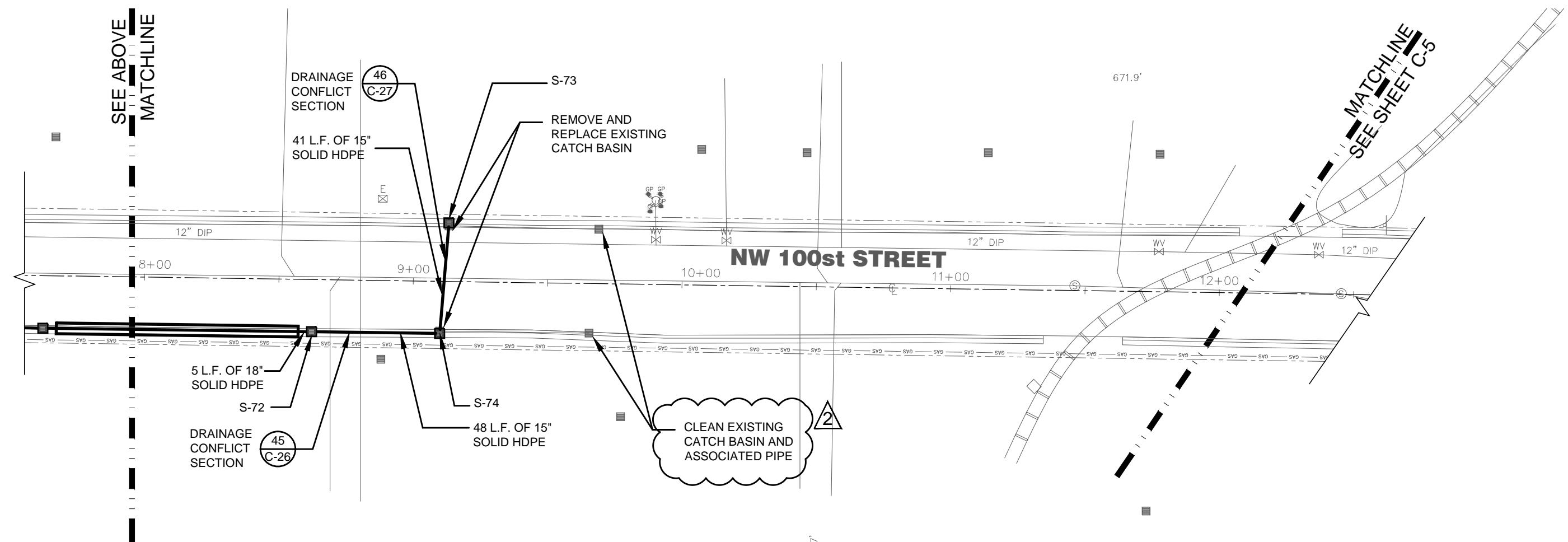
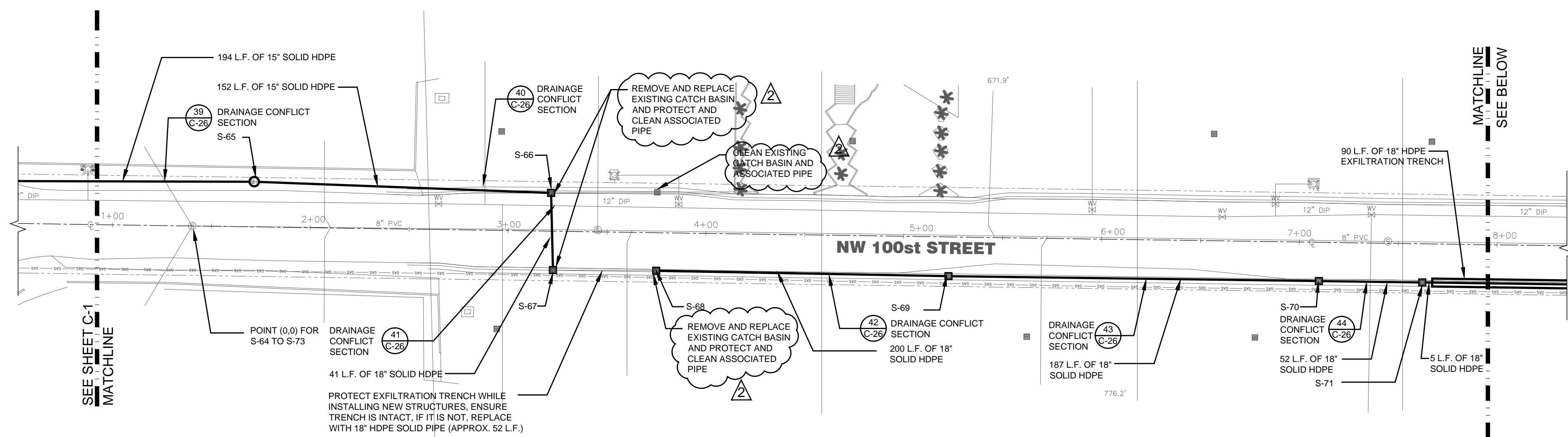
DATE	6/30/2009
JOB No.	MED4607
DESIGN BY	B.J.F.
DRAWN BY	B.J.F.
CHECKED BY	D.M.S.

DRAWING No. C-3

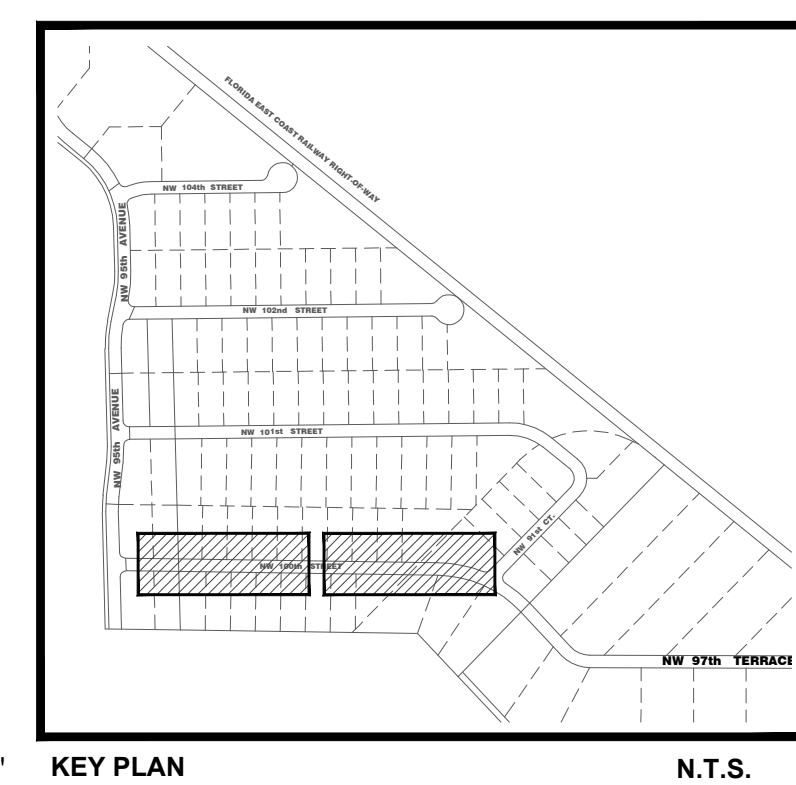
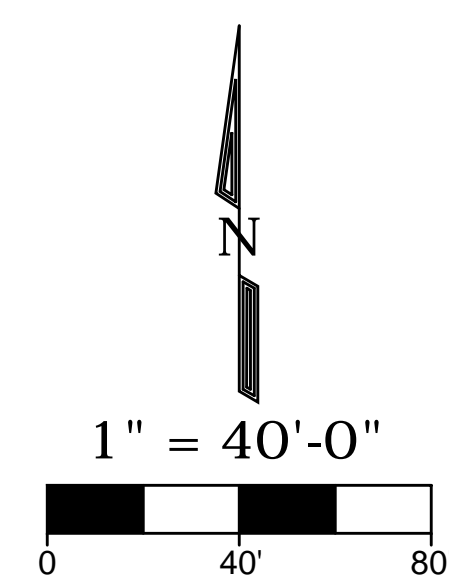
REVISION NOTES:

1. THIS REVISION INCLUDES THE ADDITION OF CENTERLINES ALONG PROJECT RIGHT-OF-WAYS AND RIGHT-OF-WAY LINES ALONG FEC RAILROAD CORRIDOR.

**DRAINAGE
 NW 100TH STREET
 FLOOD MITIGATION AREA
 MEDLEY, FL**



- DETAILS:**
- FOR CATCH BASIN FRAME AND GRATE SEE: (A) C-16
 - FOR CATCH BASIN SEE: (B) C-16
 - FOR BAFFLE PLACEMENT SEE: (C) C-16
 - FOR EXFILTRATION TRENCH SEE: (D) C-17
 - FOR BAFFLE DETAIL SEE: (E) C-17
 - FOR SOLID PIPE BEDDING SEE: (F) C-17
 - FOR PAVEMENT RESTORATION FOR TRENCHES SEE: (G) C-17
- NOTES:**
- SEE SHEET G-3 FOR EXCAVATING, TRENCHING AND BACKFILLING, EXFILTRATION TRENCH, AND FRAME GRATES AND COVERS NOTES.
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REVISIONS		
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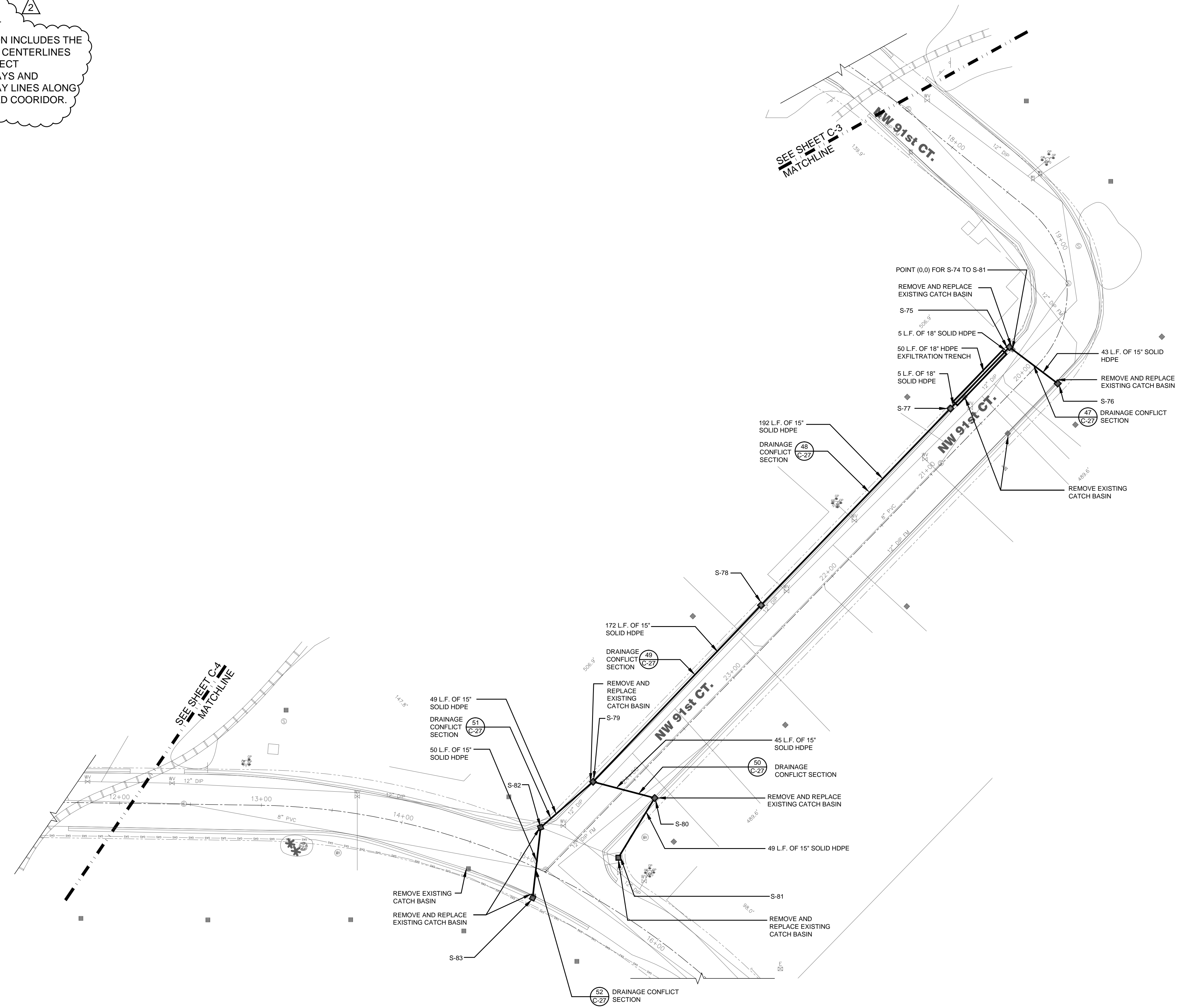
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JOB No.	MED4607
DESIGN BY	B.J.F.
DRAWN BY	B.J.F.
CHECKED BY	D.M.S.

DRAWING No.	C-4
SHEET No.	

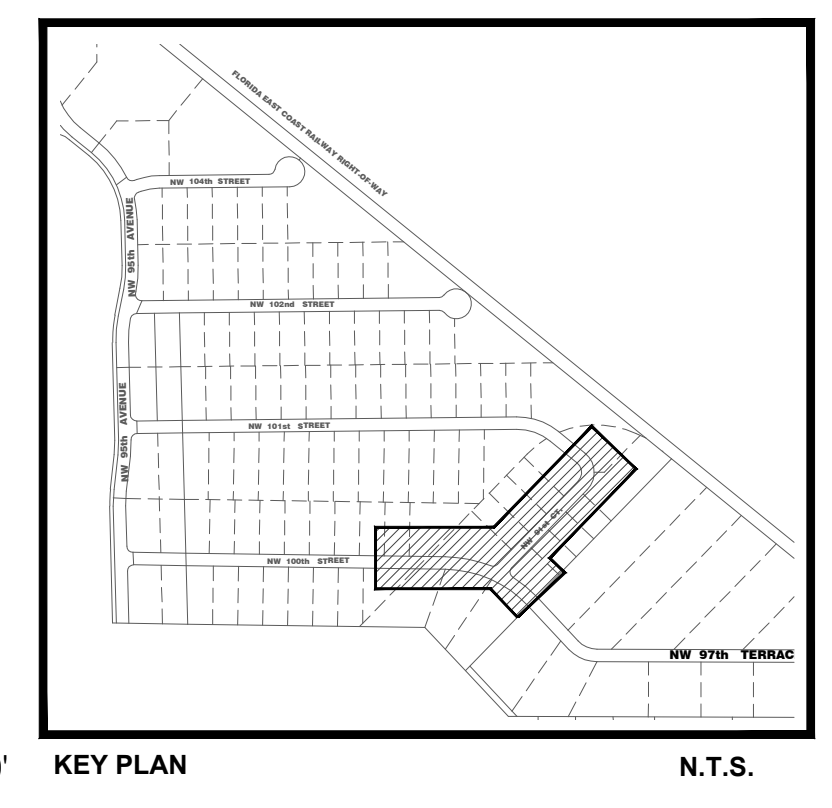
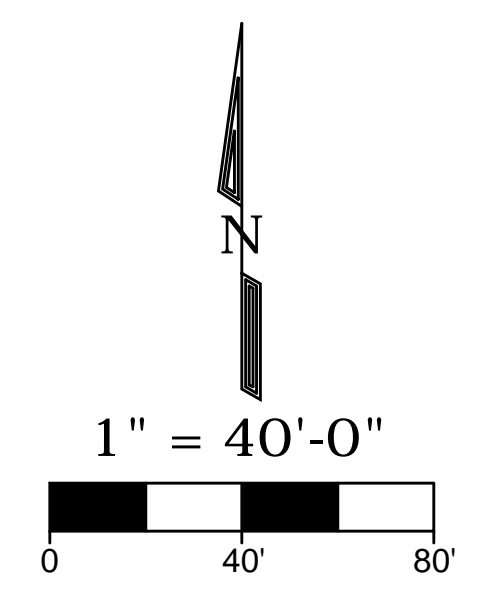
REVISION NOTES:

1. THIS REVISION INCLUDES THE ADDITION OF CENTERLINES ALONG PROJECT RIGHT-OF-WAYS AND RIGHT-OF-WAY LINES ALONG FEC RAILROAD CORRIDOR.

**DRAINAGE
 NW 91st COURT
 FLOOD MITIGATION AREA
 MEDLEY, FL**



- DETAILS:**
- FOR CATCH BASIN FRAME AND GRATE SEE: (A) C-16
 - FOR CATCH BASIN SEE: (B) C-16
 - FOR BAFFLE PLACEMENT SEE: (C) C-16
 - FOR EXFILTRATION TRENCH SEE: (D) C-17
 - FOR BAFFLE DETAIL SEE: (E) C-17
 - FOR SOLID PIPE BEDDING SEE: (F) C-17
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- SEE SHEET G-3 FOR EXCAVATING, TRENCHING AND BACKFILLING, EXFILTRATION TRENCH, AND FRAME GRATES AND COVERS NOTES.
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DIANA M. SANTANDER, P.E.
 FL # 65854

REVISIONS		
NO.	DATE	DRAWN BY
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2	01-26-12	R.G./B.J.F.

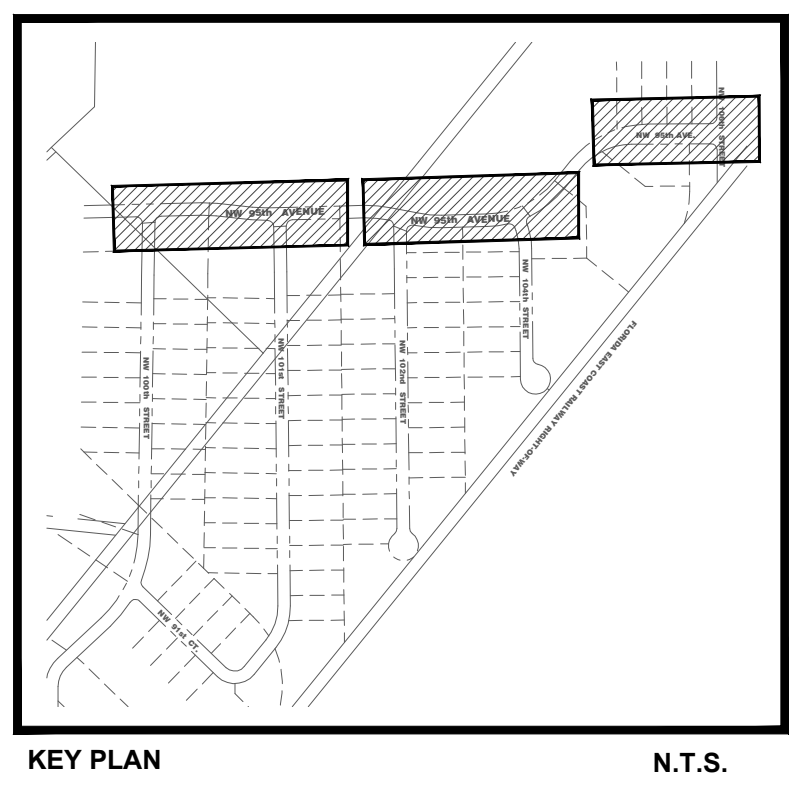
DATE	6/30/2009
JOB No.	MED4607
DESIGN BY	B.J.F.
DRAWN BY	B.J.F.
CHECKED BY	D.M.S.

DRAWING No. **C-5**

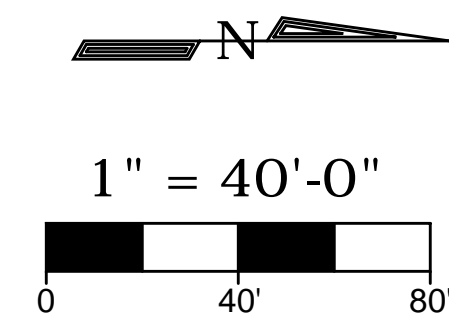
SHEET No.
14 OF **36** SHEETS

REVISION NOTES:

1. THIS REVISION INCLUDES THE ADDITION OF CENTERLINES ALONG PROJECT RIGHT-OF-WAYS AND RIGHT-OF-WAY LINES ALONG FEC RAILROAD CORRIDOR.



- DETAILS:**
1. FOR VALLEY GUTTER, CURB & GUTTER AND TRANSITION DETAIL SEE: (H) C-18
 2. FOR CONCRETE APRON AROUND CATCH BASINS SEE: (1) C-18
 3. FOR PAVEMENT CROSS-SECTIONS SEE SHEET C-19.
 4. FOR DETAIL SHOWING NEW ASPHALT OVERLAY MATCH TO GUTTER SEE: (O) C-18

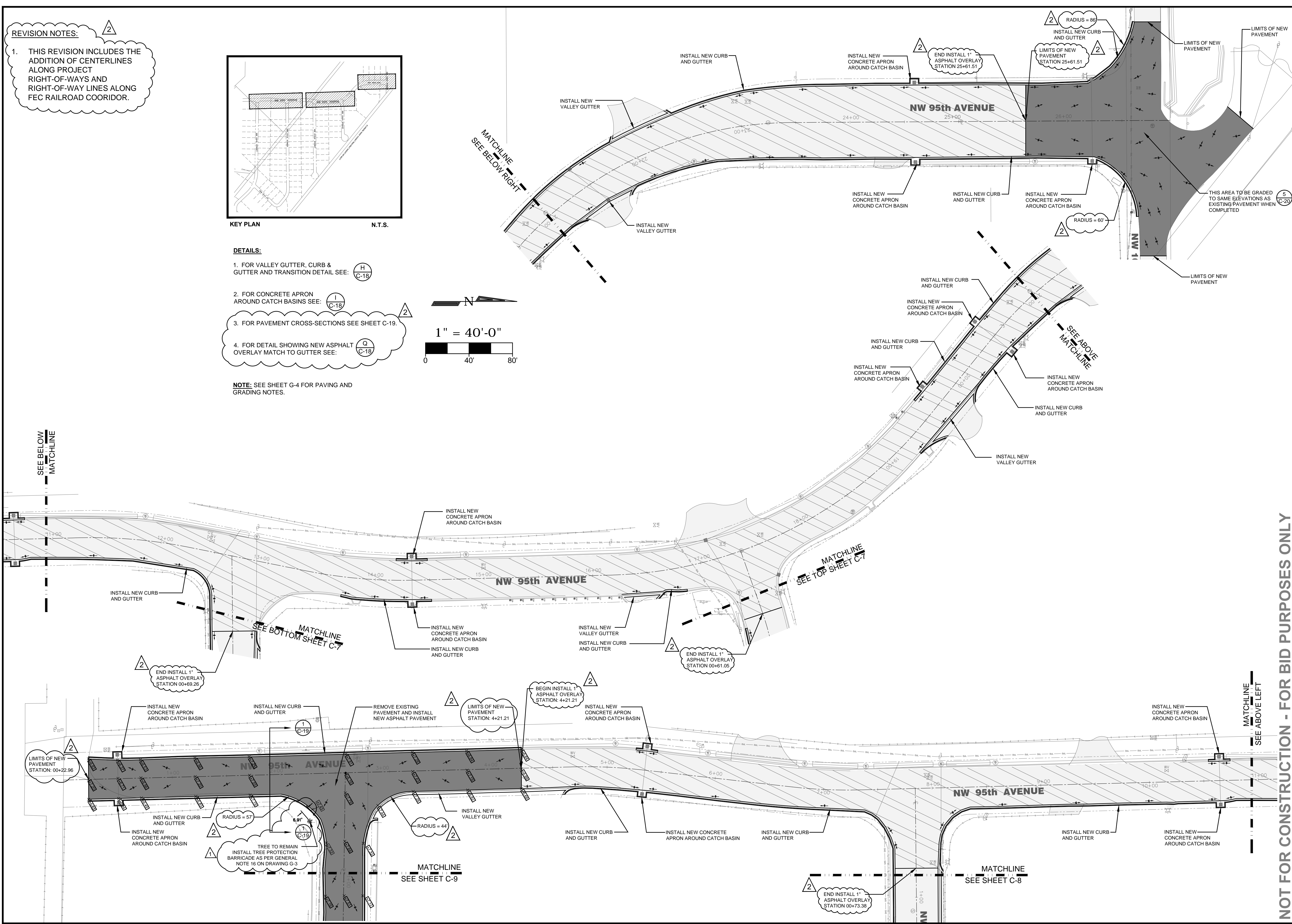


NOTE: SEE SHEET G-4 FOR PAVING AND GRADING NOTES.

Westhorp ASSOCIATES, INC.
 9499 N.E. 2nd AVENUE, SUITE 207
 MIAMI SHORES, FL 33138
 (305) 759-4757
 EB# 7916

**PAVING AND GRADING
 NW 95th AVENUE
 FLOOD MITIGATION AREA
 MEDLEY, FL**

NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY



SEAL

DIANA M. SANTANDER, P.E.
 FL # 65854

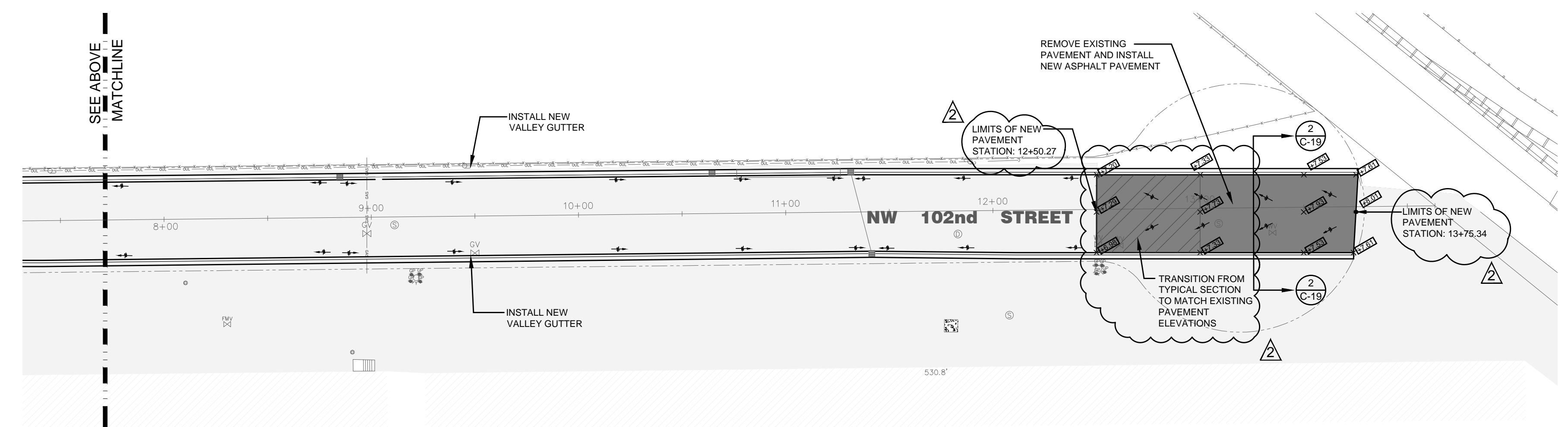
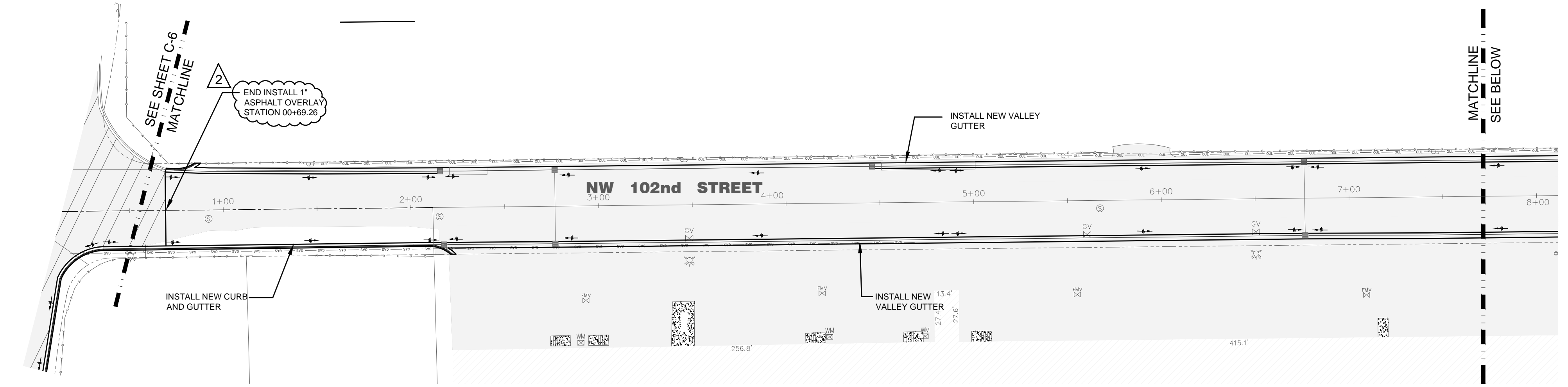
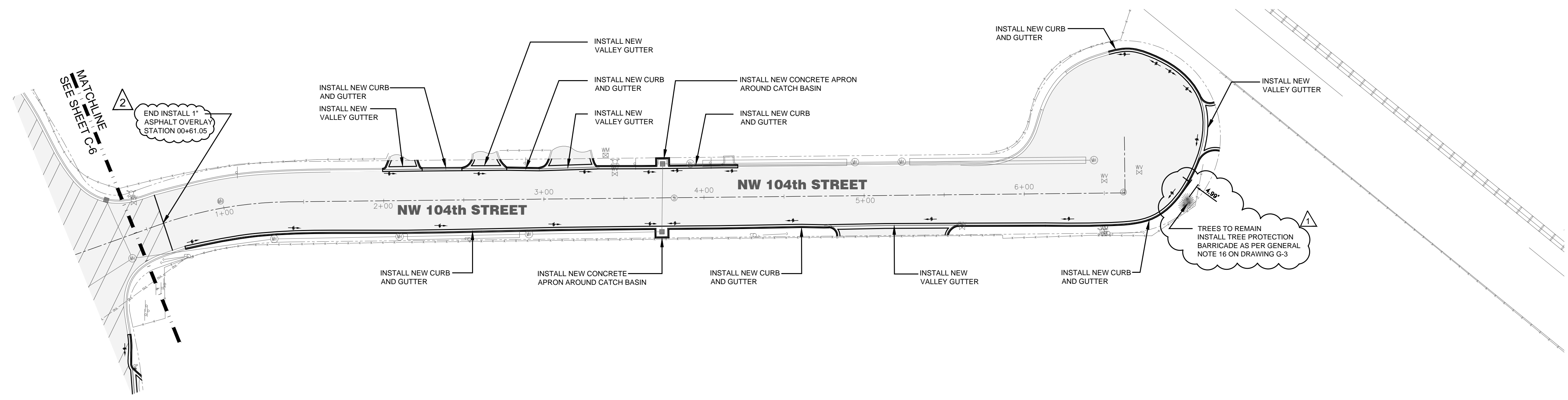
REVISIONS		
NO.	DATE	DRAWN BY
1	07-02-10	P.D.K.
2	01-26-12	R.G./B.J.F.

DATE	6/30/2009
JOB No.	MED4607
DESIGN BY	B.J.F.
DRAWN BY	B.J.F.
CHECKED BY	D.M.S.

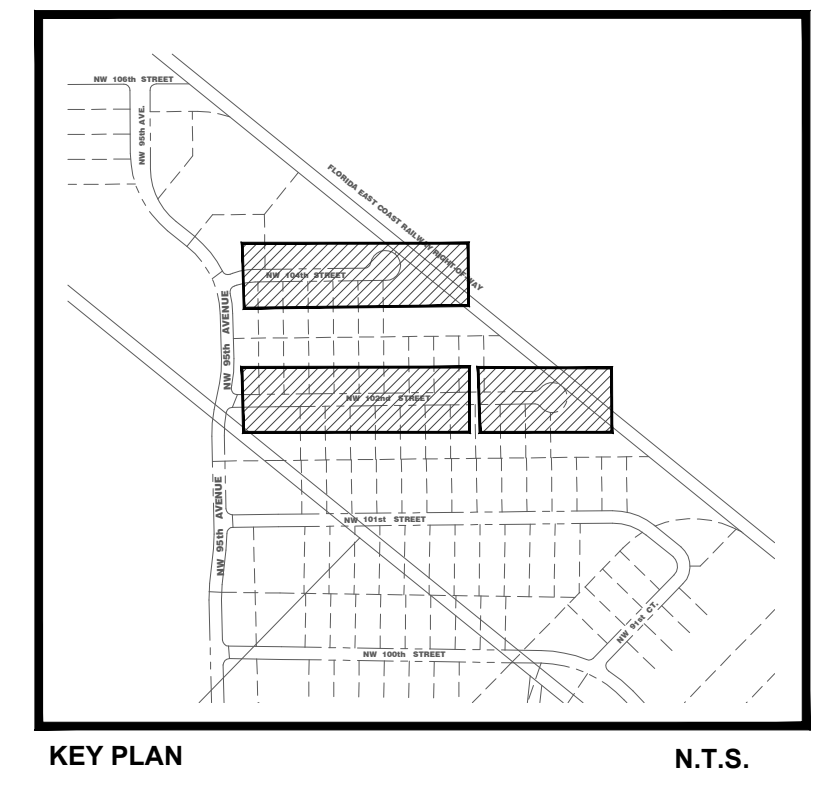
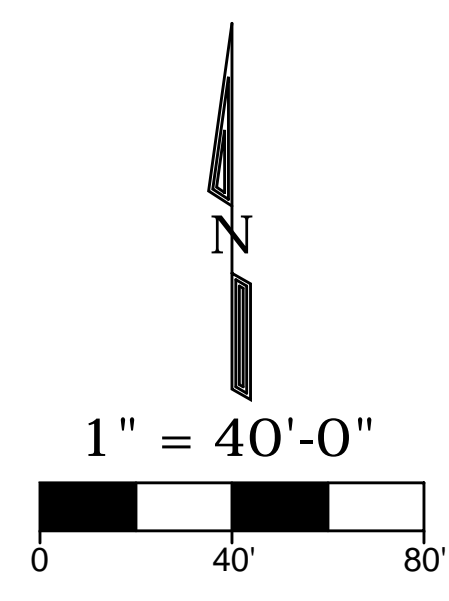
DRAWING No.	C-6
SHEET No.	15 OF 36 SHEETS

REVISION NOTES:

1. THIS REVISION INCLUDES THE ADDITION OF CENTERLINES ALONG PROJECT RIGHT-OF-WAYS AND RIGHT-OF-WAY LINES ALONG FEC RAILROAD CORRIDOR.



- DETAILS:**
- FOR VALLEY GUTTER, CURB & GUTTER AND TRANSITION DETAIL SEE: (H) C-18
 - FOR CONCRETE APRON AROUND CATCH BASINS SEE: (I) C-18
 - FOR PAVEMENT CROSS-SECTIONS SEE SHEET C-19.
- NOTE:** SEE SHEET G-4 FOR PAVING AND GRADING NOTES.



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**PAVING AND GRADING
 NW 104TH STREET AND NW 102ND STREET
 FLOOD MITIGATION AREA
 MEDLEY, FL**

NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY

SEAL

DIANA M. SANTANDER, P.E.
 FL # 65854

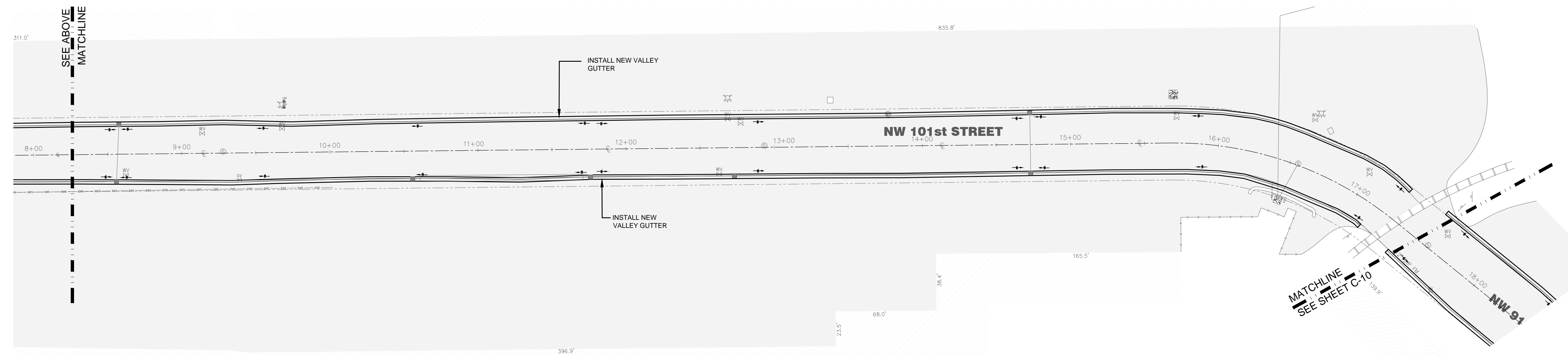
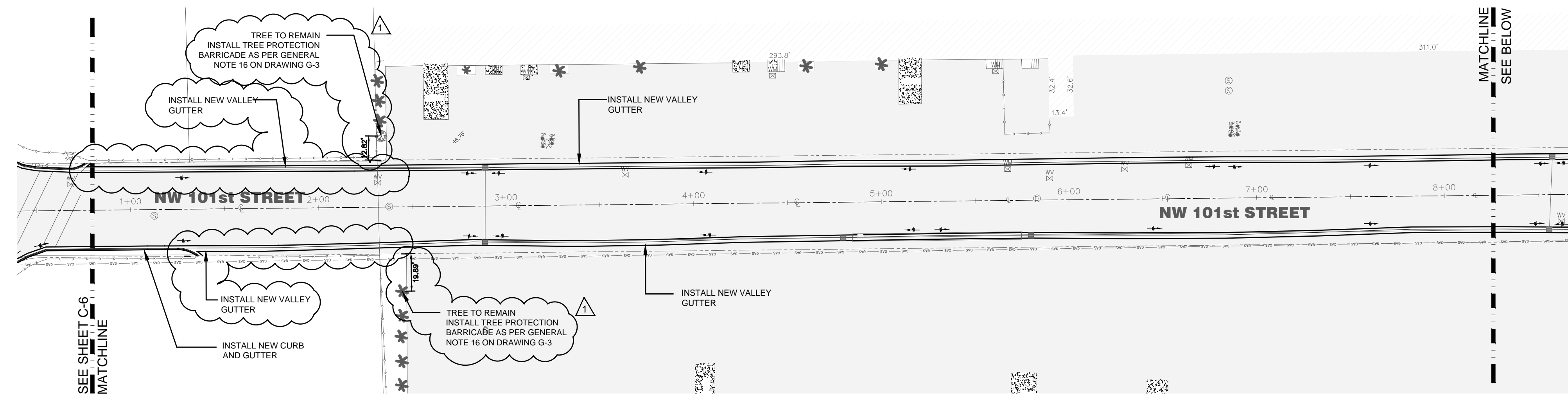
REVISIONS		
NO.	DATE	DRAWN BY
1	07-02-10	P.D.K.
2	01-26-12	R.G./B.J.F.

DATE	6/30/2009
JOB No.	MED4607
DESIGN BY	B.J.F.
DRAWN BY	B.J.F.
CHECKED BY	D.M.S.

DRAWING No.	C-7
SHEET No.	16 OF 36 SHEETS

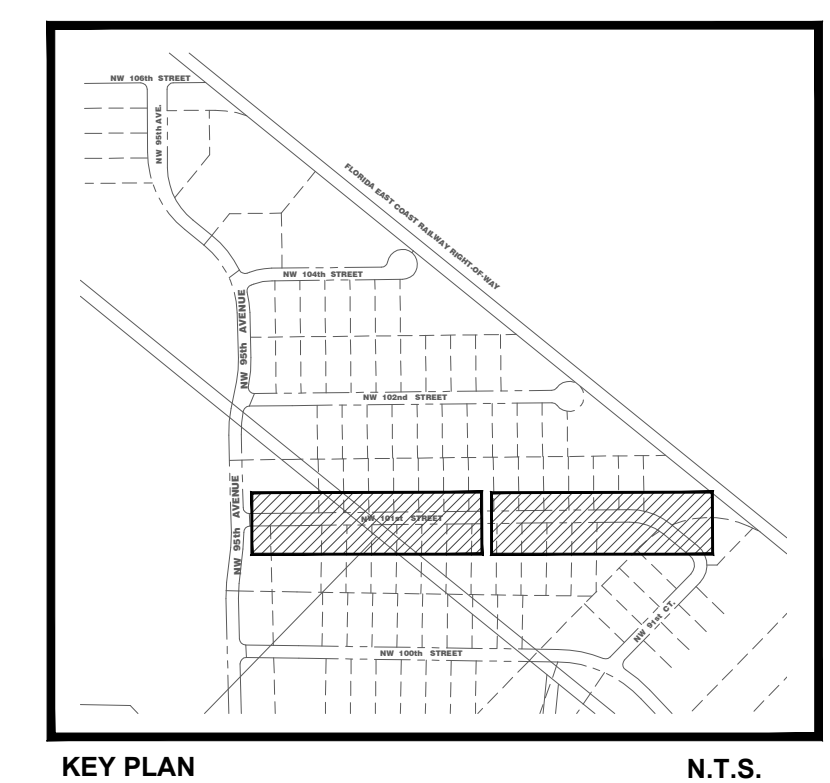
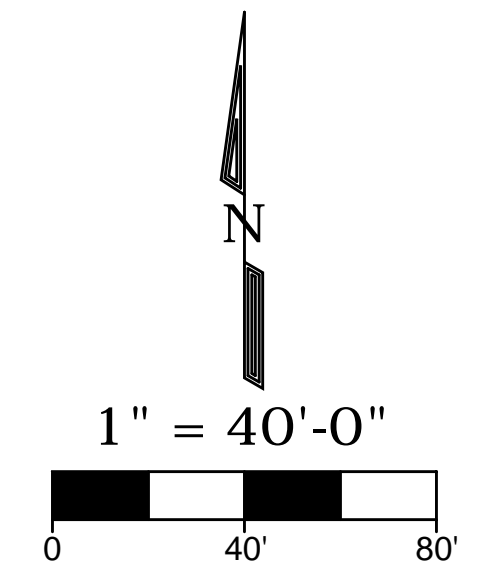
REVISION NOTES: 2

1. THIS REVISION INCLUDES THE ADDITION OF CENTERLINES ALONG PROJECT RIGHT-OF-WAYS AND RIGHT-OF-WAY LINES ALONG FEC RAILROAD CORRIDOR.



- DETAILS:**
1. FOR VALLEY GUTTER, CURB & GUTTER AND TRANSITION DETAIL SEE: H
C-18
 2. FOR CONCRETE APRON AROUND CATCH BASINS SEE: I
C-18
 3. FOR PAVEMENT CROSS-SECTIONS SEE SHEET C-19. 2

NOTE: SEE SHEET G-4 FOR PAVING AND GRADING NOTES.



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PAVING AND GRADING
 NW 101ST STREET
 FLOOD MITIGATION AREA
 MEDLEY, FL

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DIANA M. SANTANDER, P.E.
 FL # 65854

REVISIONS		
DATE	DRAWN BY	
07-02-10	P.D.K.	
01-26-12	R.G./B.J.F.	

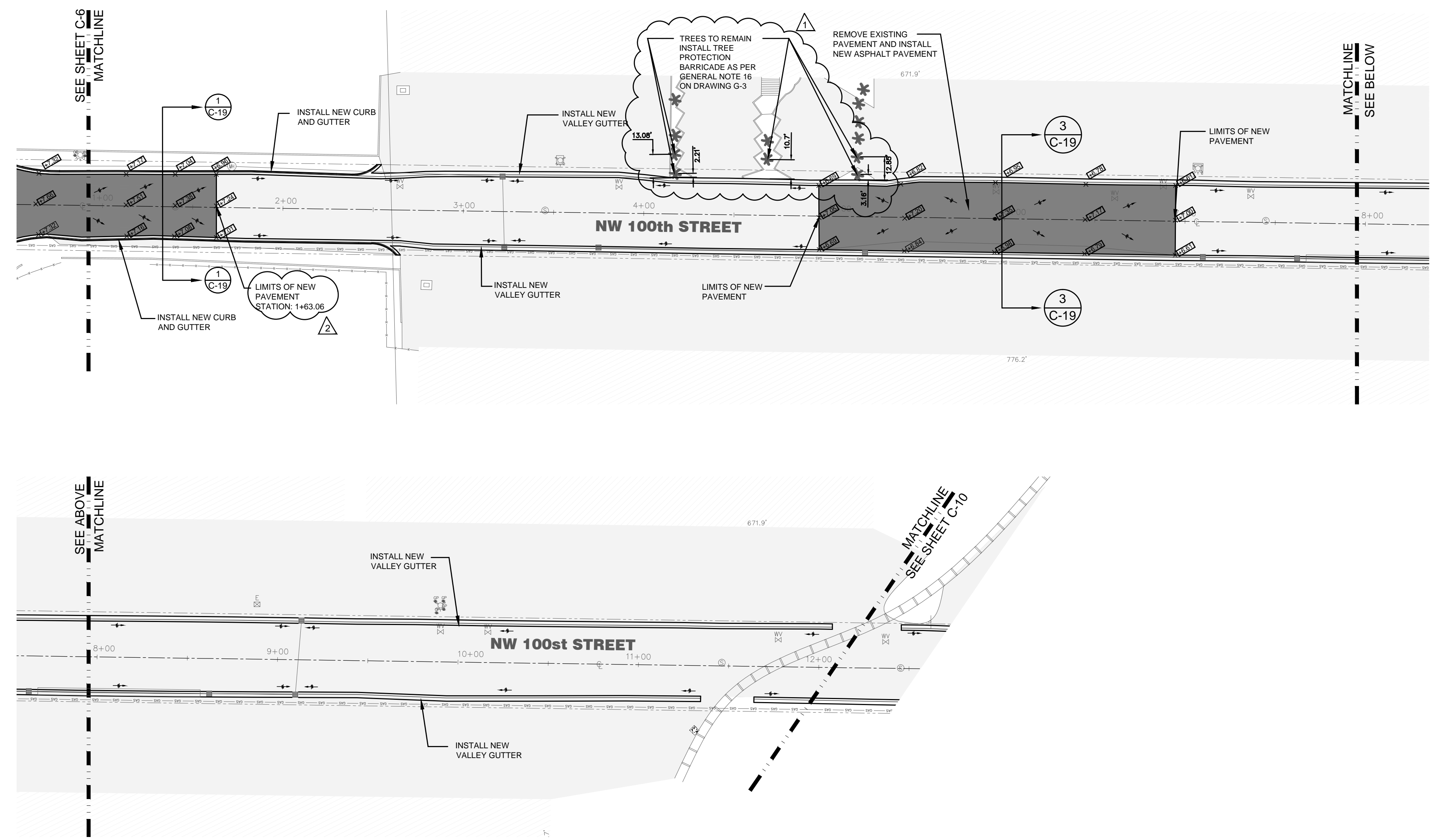
DATE	6/30/2009
JOB No.	MED4607
DESIGN BY	B.J.F.
DRAWN BY	B.J.F.
CHECKED BY	D.M.S.

DRAWING No. C-8

SHEET No.
 17 OF 36 SHEETS

REVISION NOTES:

1. THIS REVISION INCLUDES THE ADDITION OF CENTERLINES ALONG PROJECT RIGHT-OF-WAYS AND RIGHT-OF-WAY LINES ALONG FEC RAILROAD CORRIDOR.



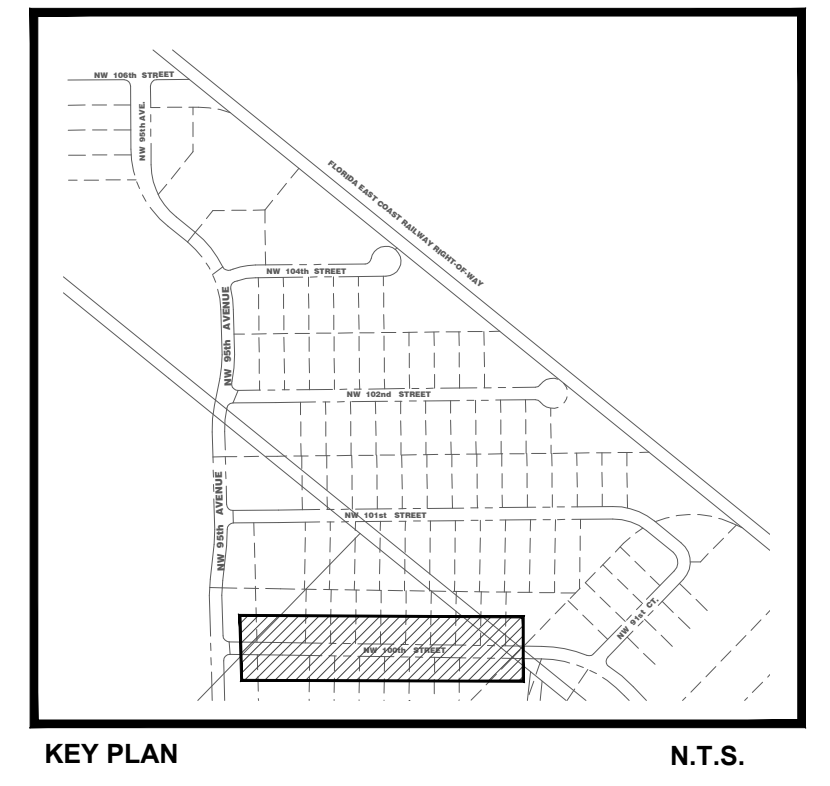
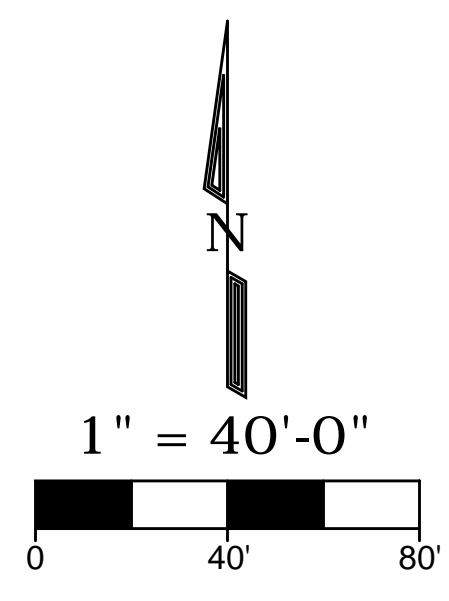
DETAILS:

1. FOR VALLEY GUTTER, CURB & GUTTER AND TRANSITION DETAIL SEE: (H) C-19

2. FOR CONCRETE APRON AROUND CATCH BASINS SEE: (I) C-18

3. FOR PAVEMENT CROSS-SECTIONS SEE SHEET C-19.

NOTE: SEE SHEET G-4 FOR PAVING AND GRADING NOTES.



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 EB# 7916

**PAVING AND GRADING
 NW 100TH STREET
 FLOOD MITIGATION AREA
 MEDLEY, FL**

SEAL

DIANA M. SANTANDER, P.E.
 FL # 65854

REVISIONS		
NO.	DATE	DRAWN BY
1	07-02-10	P.D.K.
2	01-26-12	R.G./B.J.F.

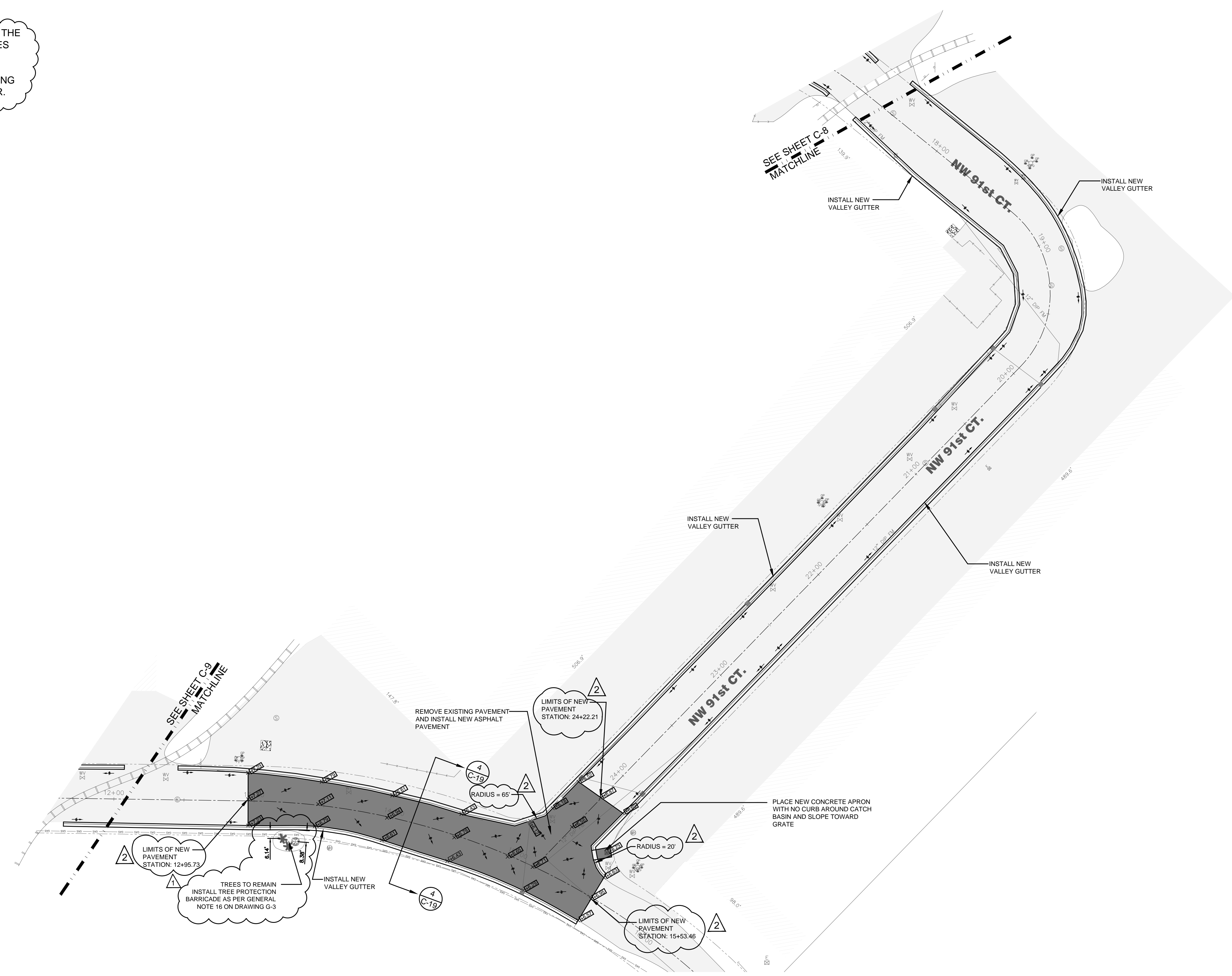
DATE	6/30/2009
JOB No.	MED4607
DESIGN BY	B.J.F.
DRAWN BY	B.J.F.
CHECKED BY	D.M.S.

DRAWING No.	C-9
SHEET No.	18 OF 36 SHEETS

REVISION NOTES: 2

1. THIS REVISION INCLUDES THE ADDITION OF CENTERLINES ALONG PROJECT RIGHT-OF-WAYS AND RIGHT-OF-WAY LINES ALONG FEC RAILROAD CORRIDOR.

PAVING AND GRADING
 NW 91ST COURT
 FLOOD MITIGATION AREA
 MEDLEY, FL



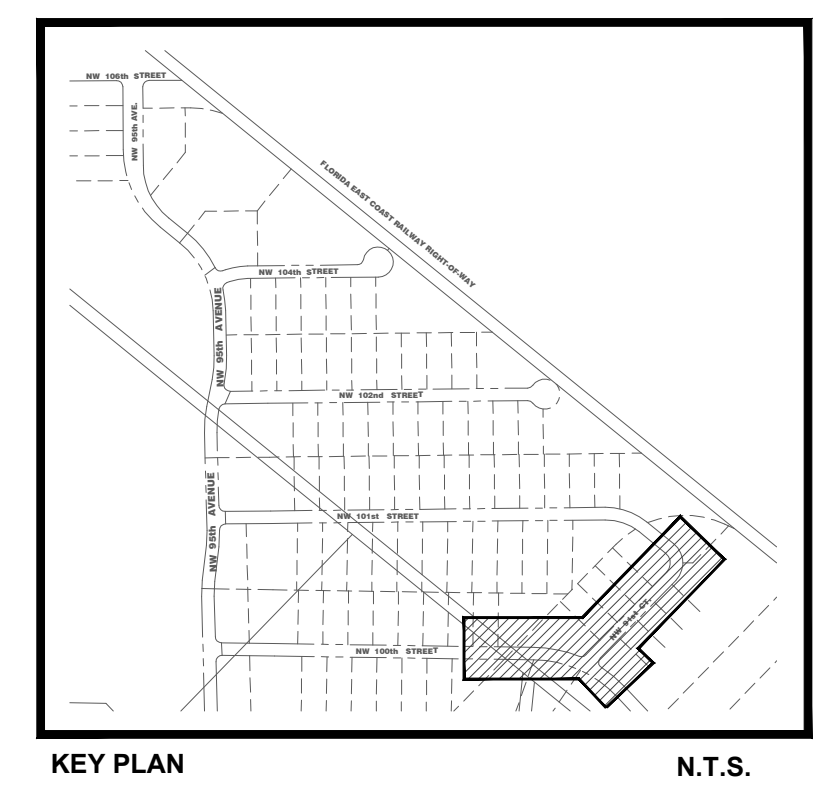
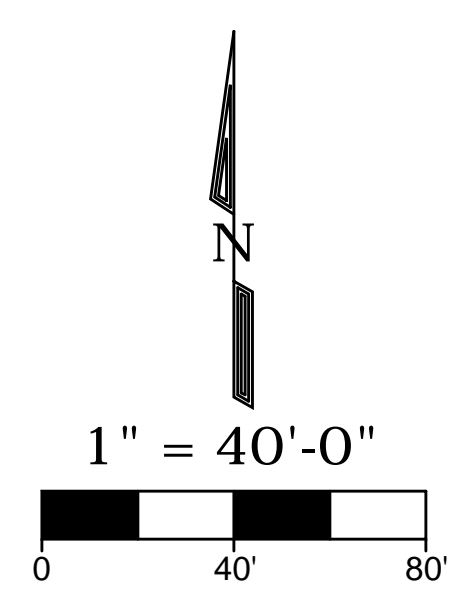
DETAILS:

1. FOR VALLEY GUTTER, CURB & GUTTER AND TRANSITION DETAIL SEE: H C-18

2. FOR CONCRETE APRON AROUND CATCH BASINS SEE: I C-18

3. FOR PAVEMENT CROSS-SECTIONS SEE SHEET C-19.

NOTE: SEE SHEET G-4 FOR PAVING AND GRADING NOTES.



NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY

SEAL

DIANA M. SANTANDER, P.E.
 FL # 65854

REVISIONS		
	DATE	DRAWN BY
○	07-02-10	P.D.K.
△	01-26-12	R.G./B.J.F.

DATE	6/30/2009
JOB No.	MED4607
DESIGN BY	B.J.F.
DRAWN BY	B.J.F.
CHECKED BY	D.M.S.

DRAWING No.	C-10
SHEET No.	
19	OF 36 SHEETS

REVISION NOTES:

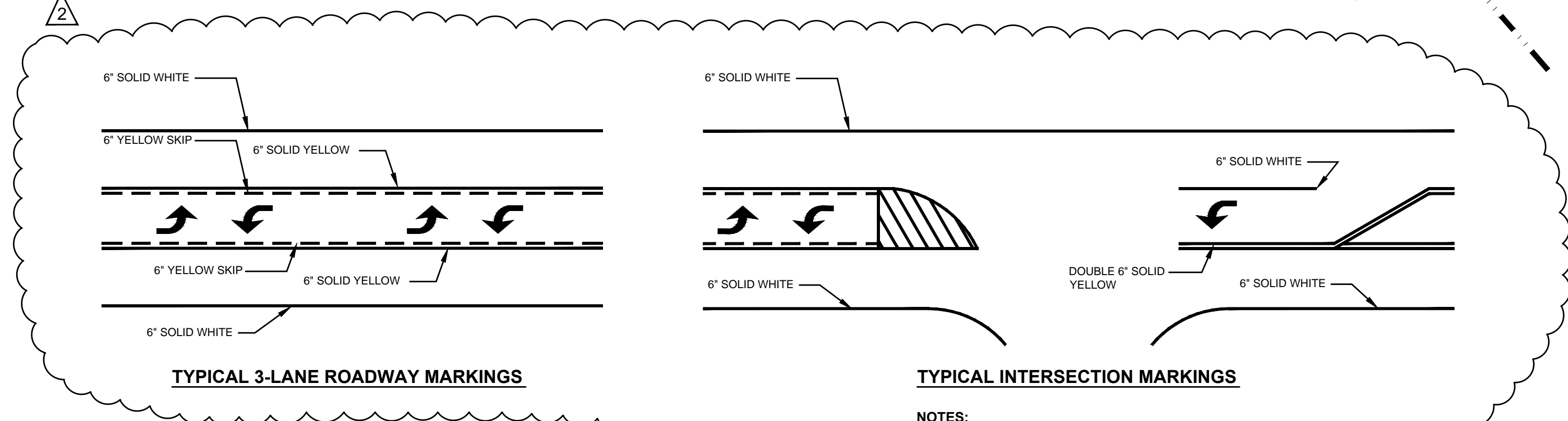
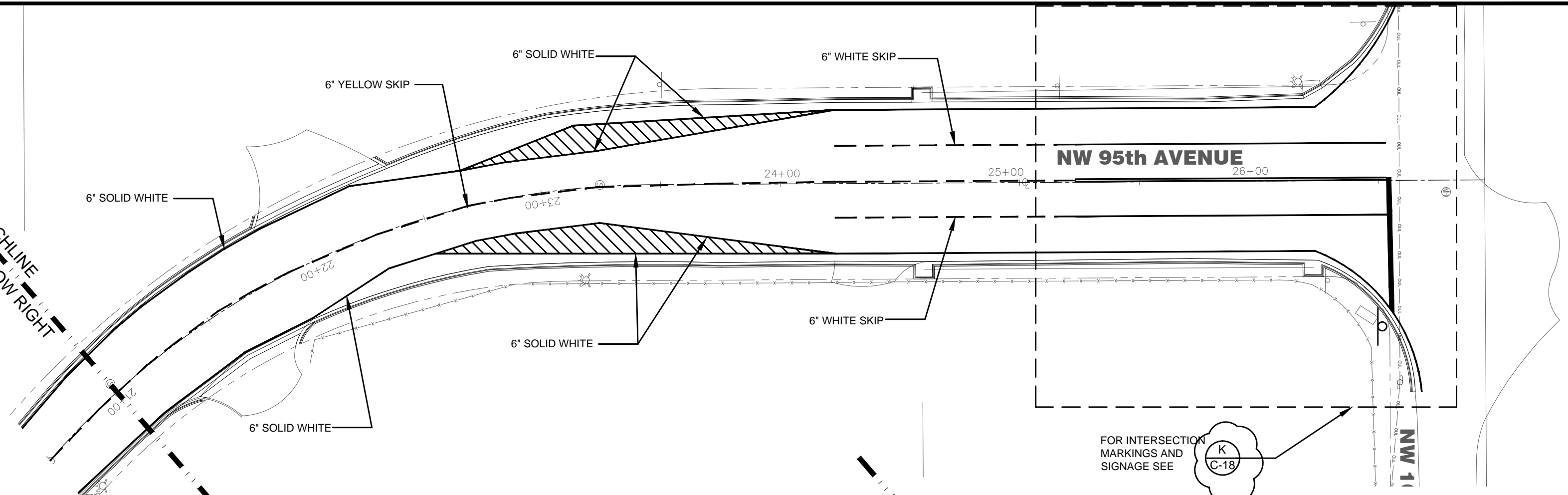
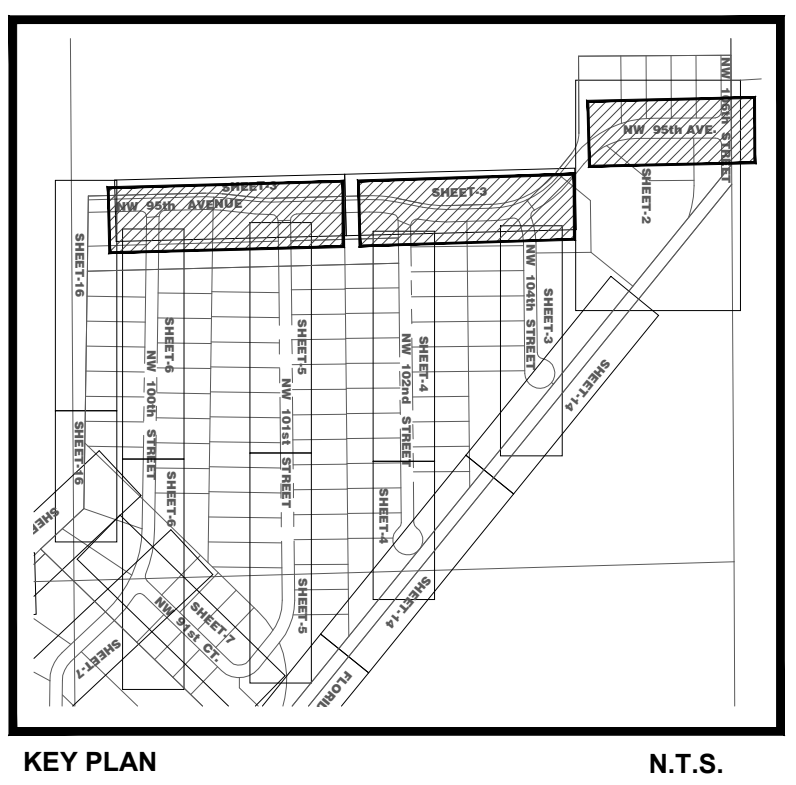
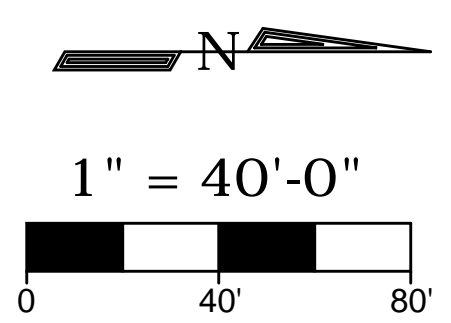
1. THIS REVISION INCLUDES THE ADDITION OF CENTERLINES ALONG PROJECT RIGHT-OF-WAYS AND RIGHT-OF-WAY LINES ALONG FEC RAILROAD CORRIDOR.

DETAILS:

1. FOR TYPICAL ASPHALT ROADWAY MARKINGS SEE: J C-18

2. FOR INTERSECTION OF NW 95TH AVENUE AND NW 106TH STREET MARKINGS AND SIGNAGE SEE: K C-18

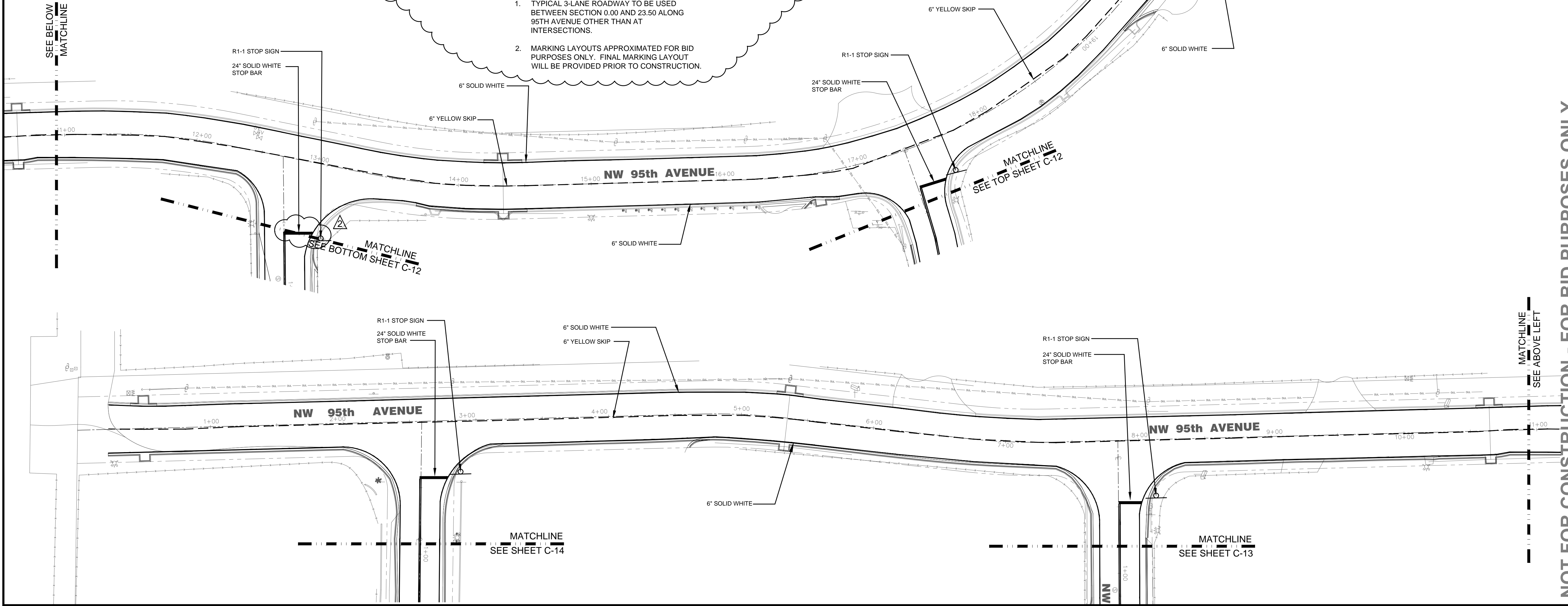
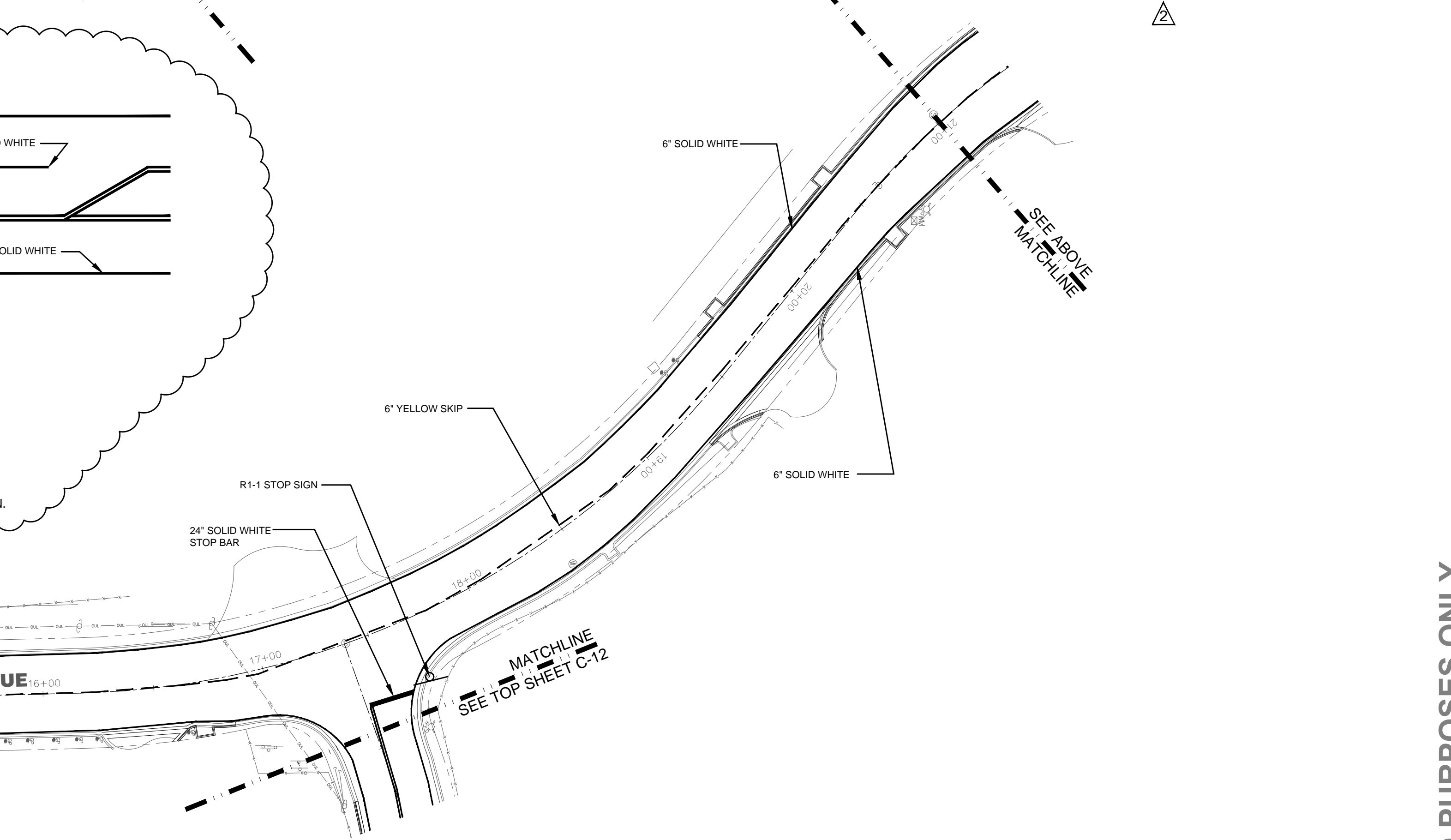
NOTE: SEE SHEET G-3 FOR PAVEMENT MARKING AND SIGNAGE NOTES.



NOTES:

1. TYPICAL 3-LANE ROADWAY TO BE USED BETWEEN SECTION 0.00 AND 23.50 ALONG 95TH AVENUE OTHER THAN AT INTERSECTIONS.

2. MARKING LAYOUTS APPROXIMATED FOR BID PURPOSES ONLY. FINAL MARKING LAYOUT WILL BE PROVIDED PRIOR TO CONSTRUCTION.



Westhorp ASSOCIATES, INC.

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 (305) 759-4757
 EB# 7916

**MARKINGS AND SIGNAGE
 NW 95TH AVENUE**

**FLOOD MITIGATION AREA
 MEDLEY, FL**

SEAL

DIANA SANTANDER, P.E.
 FL # 65854

REVISIONS		
NO.	DATE	DRAWN BY
○	07-02-10	P.D.K.
△	01-26-12	R.G./B.J.F.

DATE	6/30/2009
JOB No.	MED4607
DESIGN BY	B.J.F.
DRAWN BY	B.J.F.
CHECKED BY	D.M.S.

DRAWING No. **C-11**

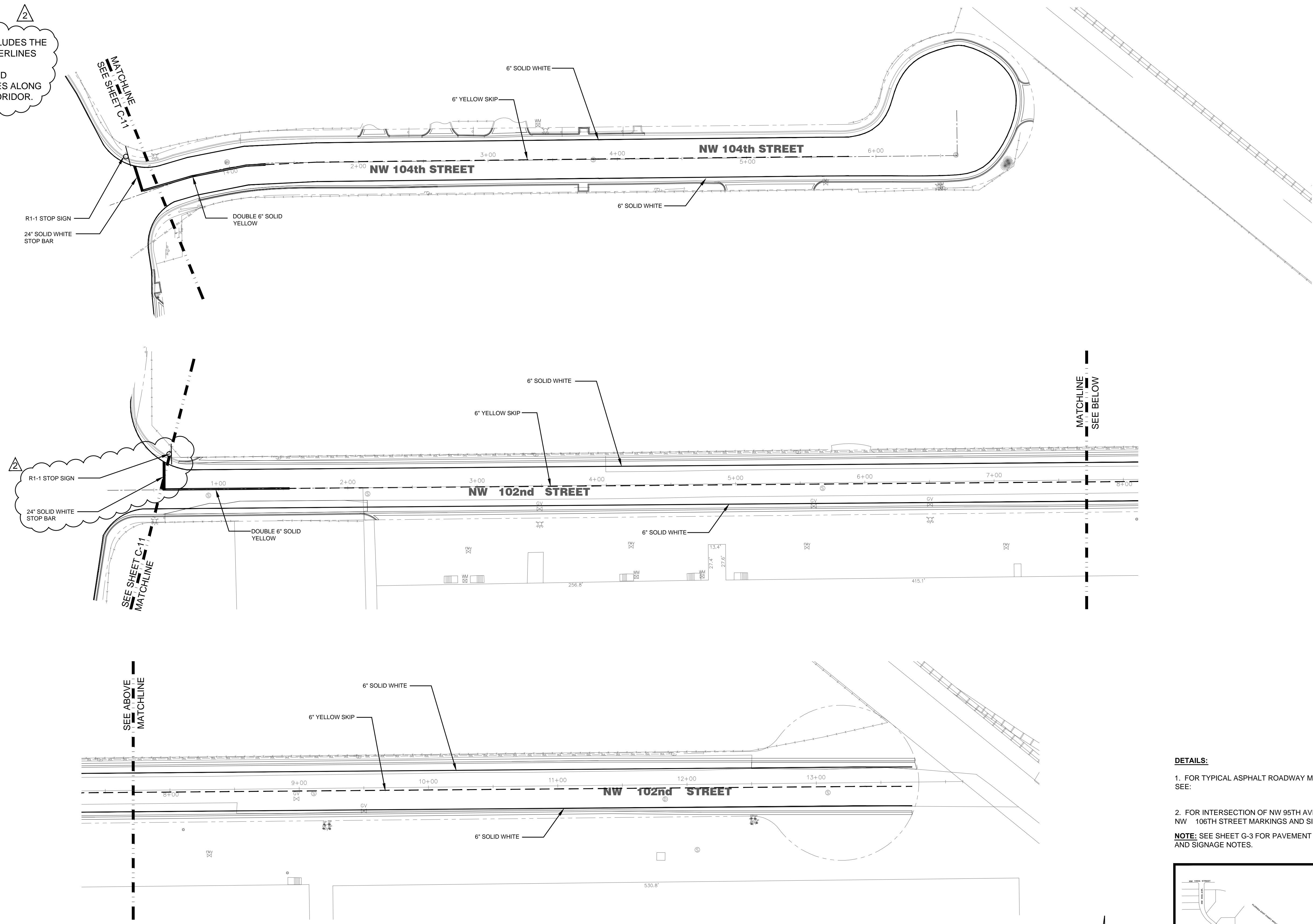
SHEET No. **20** OF **36** SHEETS

NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY

REVISION NOTES:

1. THIS REVISION INCLUDES THE ADDITION OF CENTERLINES ALONG PROJECT RIGHT-OF-WAYS AND RIGHT-OF-WAY LINES ALONG FEC RAILROAD CORRIDOR.

2

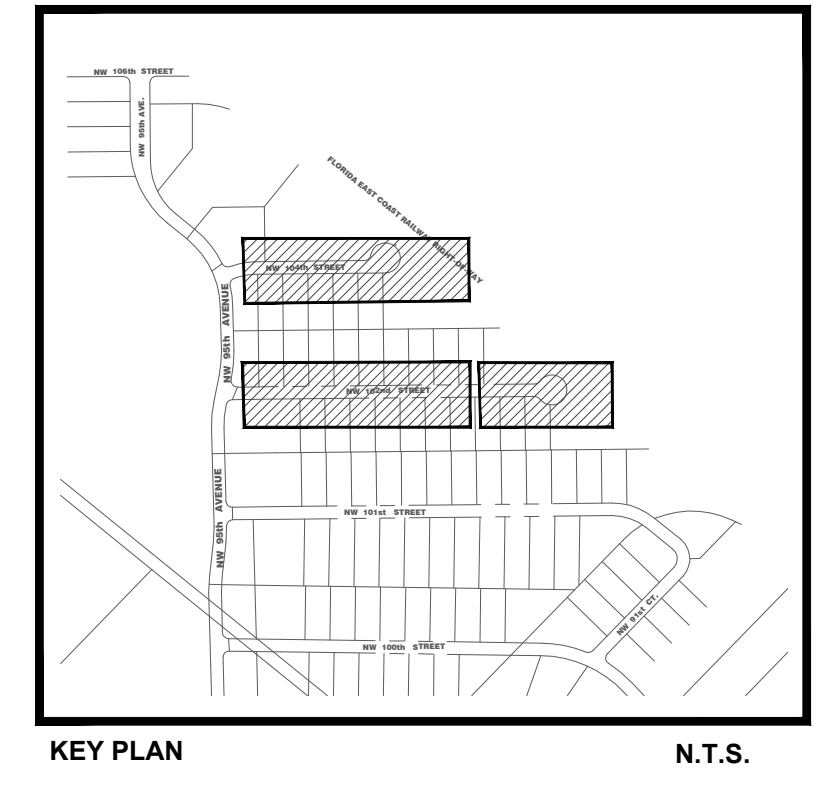
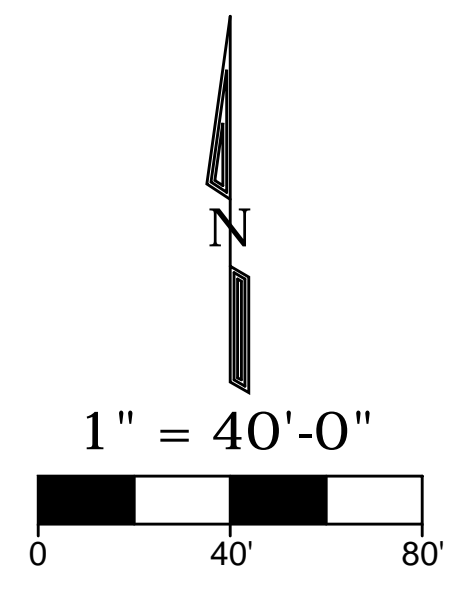


DETAILS:

1. FOR TYPICAL ASPHALT ROADWAY MARKINGS SEE: J
C-18

2. FOR INTERSECTION OF NW 95TH AVENUE AND NW 106TH STREET MARKINGS AND SIGNAGE SEE: K
C-18

NOTE: SEE SHEET G-3 FOR PAVEMENT MARKING AND SIGNAGE NOTES.



Westhorp ASSOCIATES, INC.

9499 N.E. 2nd AVENUE, SUITE 207
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EB# 7916

MARKINGS AND SIGNAGE
NW 104TH STREET AND NW 102ND STREET
FLOOD MITIGATION AREA
MEDLEY, FL

NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY

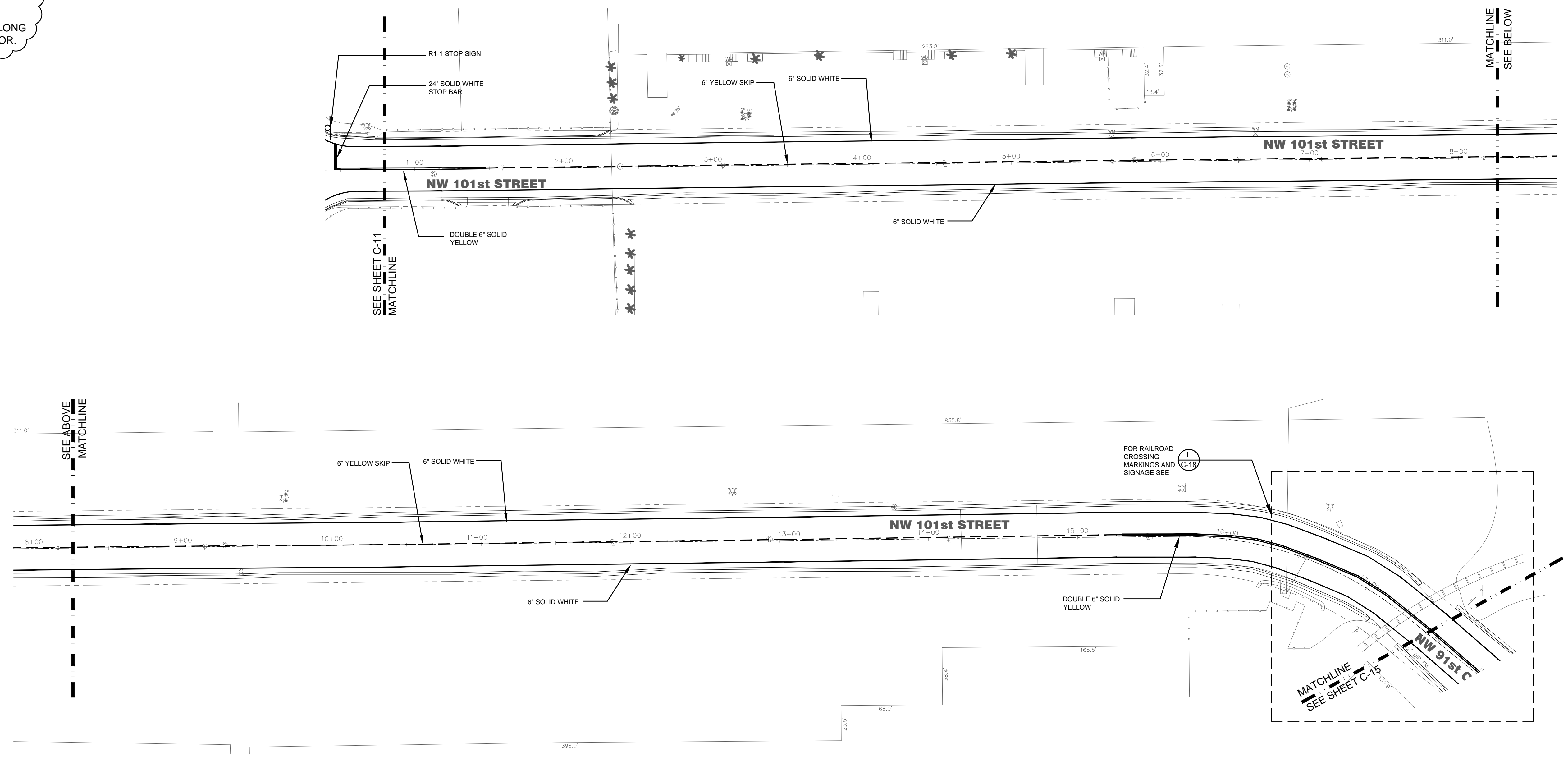
SEAL		
DIANA SANTANDER, P.E. FL # 65854		
REVISIONS		
	DATE	DRAWN BY
○	07-02-10	P.D.K.
△	01-26-12	R.G./B.J.F.
DATE		6/30/2009
JOB No.		MED4607
DESIGN BY		B.J.F.
DRAWN BY		B.J.F.
CHECKED BY		D.M.S.
DRAWING No.		C-12
SHEET No.		
21 OF 36 SHEETS		

REVISION NOTES:

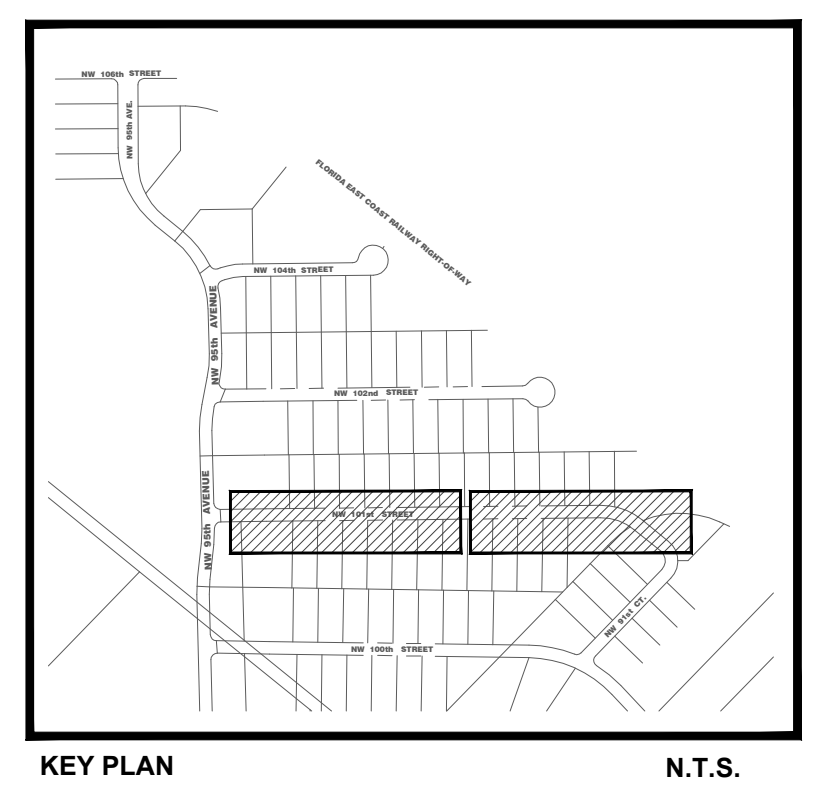
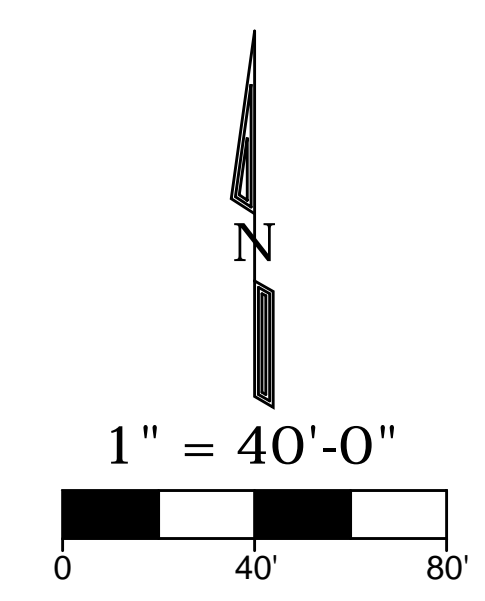
1. THIS REVISION INCLUDES THE ADDITION OF CENTERLINES ALONG PROJECT RIGHT-OF-WAYS AND RIGHT-OF-WAY LINES ALONG FEC RAILROAD CORRIDOR.

**MARKINGS AND SIGNAGE
 NW 101ST STREET**

**FLOOD MITIGATION AREA
 MEDLEY, FL**



- DETAILS:**
- 1. FOR TYPICAL ASPHALT ROADWAY MARKINGS SEE:
 - 2. FOR RAILROAD CROSSING MARKINGS AND SIGNAGE SEE:
- NOTE:** SEE SHEET G-3 FOR PAVEMENT MARKING AND SIGNAGE NOTES.



NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY

SEAL

DIANA SANTANDER, P.E.
 FL # 65854

REVISIONS		
DATE	DATE	DRAWN BY
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	01-26-12	R.G./B.J.F.

DATE	6/30/2009
JOB No.	MED4607
DESIGN BY	B.J.F.
DRAWN BY	B.J.F.
CHECKED BY	D.M.S.

DRAWING No.	C-13
SHEET No.	

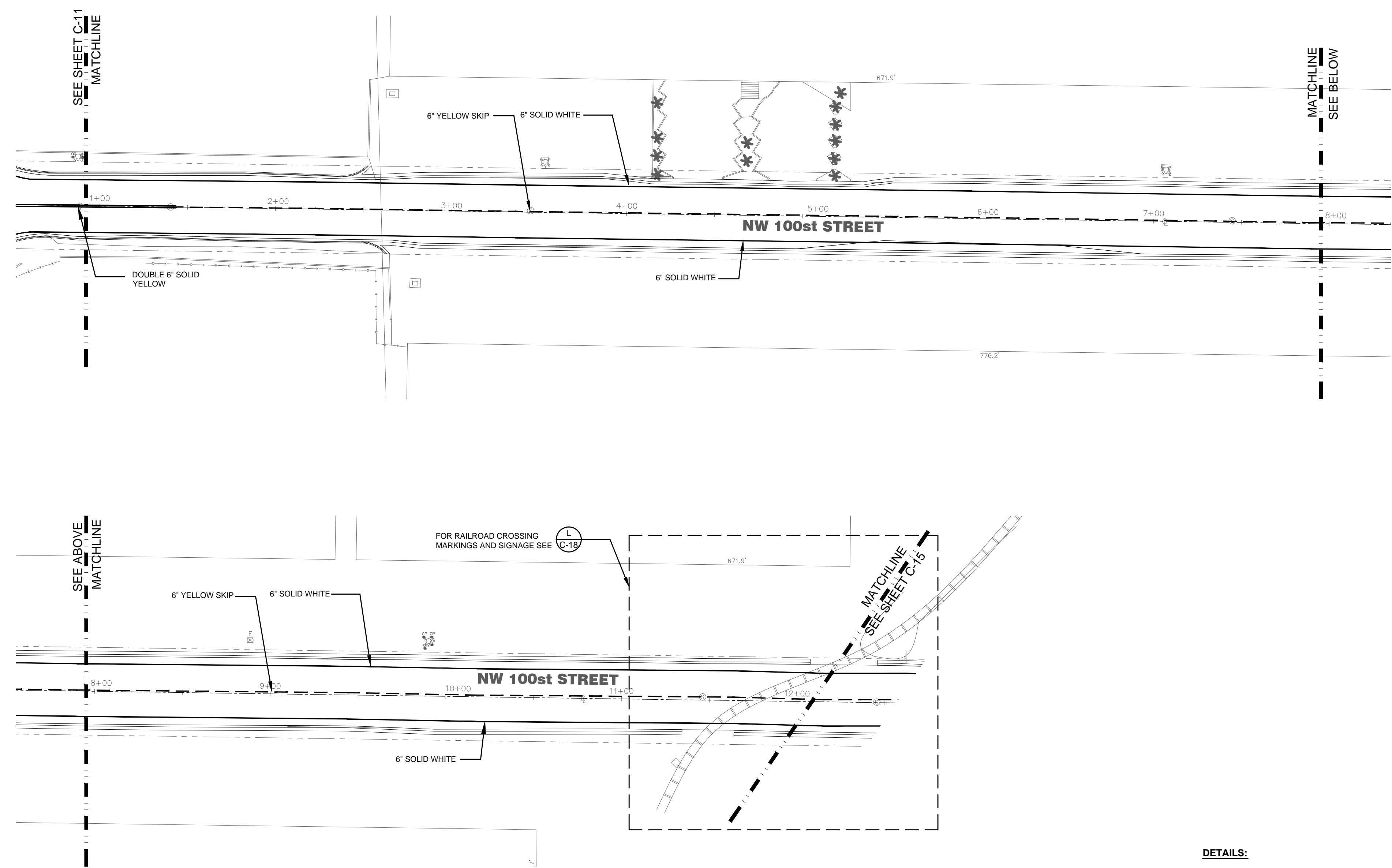
REVISION NOTES:

1. THIS REVISION INCLUDES THE ADDITION OF CENTERLINES ALONG PROJECT RIGHT-OF-WAYS AND RIGHT-OF-WAY LINES ALONG FEC RAILROAD CORRIDOR.

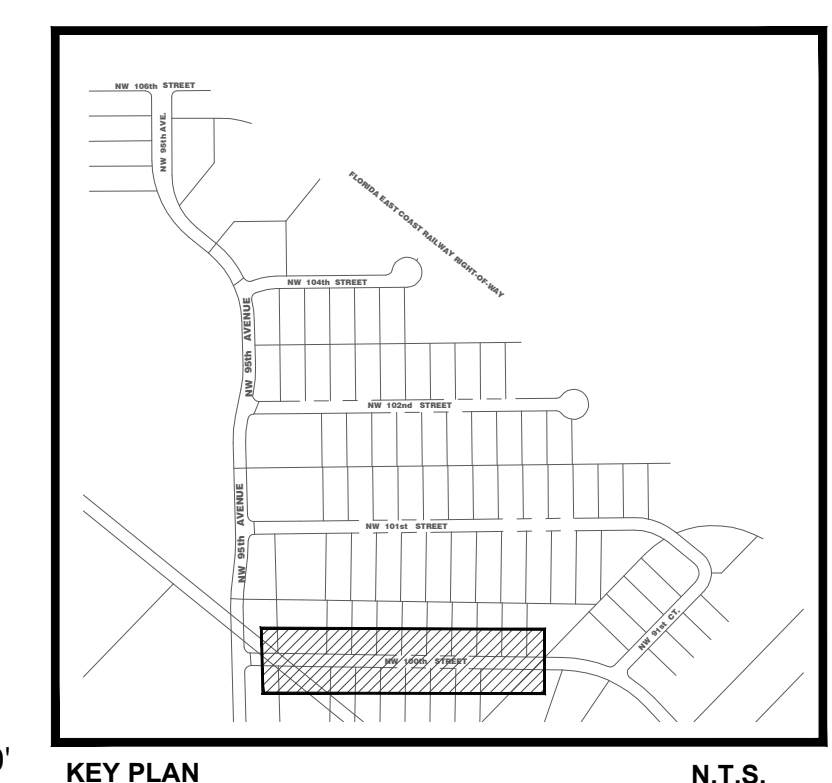
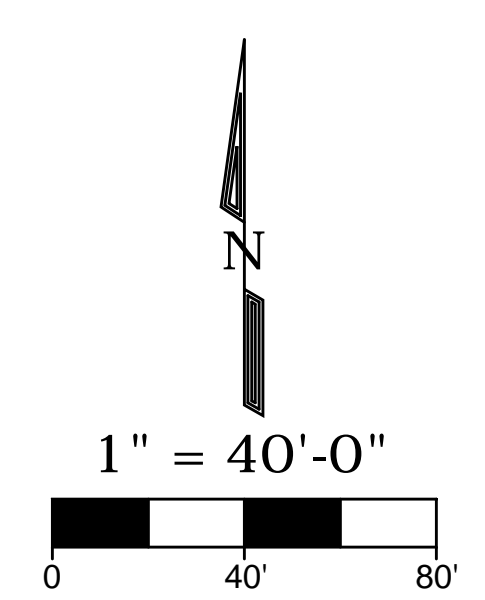


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 EB# 7916

MARKINGS AND SIGNAGE
 NW 100TH STREET
 FLOOD MITIGATION AREA
 MEDLEY, FL



- DETAILS:**
- FOR TYPICAL ASPHALT ROADWAY MARKINGS SEE:
 - FOR RAILROAD CROSSING MARKINGS AND SIGNAGE SEE:
- NOTE:** SEE SHEET G-3 FOR PAVEMENT MARKING AND SIGNAGE NOTES.



NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY

SEAL

DIANA SANTANDER, P.E.
 FL # 65854

REVISIONS		
DATE	DATE	DRAWN BY
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	01-26-12	R.G./B.J.F.

DATE	6/30/2009
JOB No.	MED4607
DESIGN BY	B.J.F.
DRAWN BY	B.J.F.
CHECKED BY	D.M.S.

DRAWING No.	C-14
SHEET No.	

REVISION NOTES:

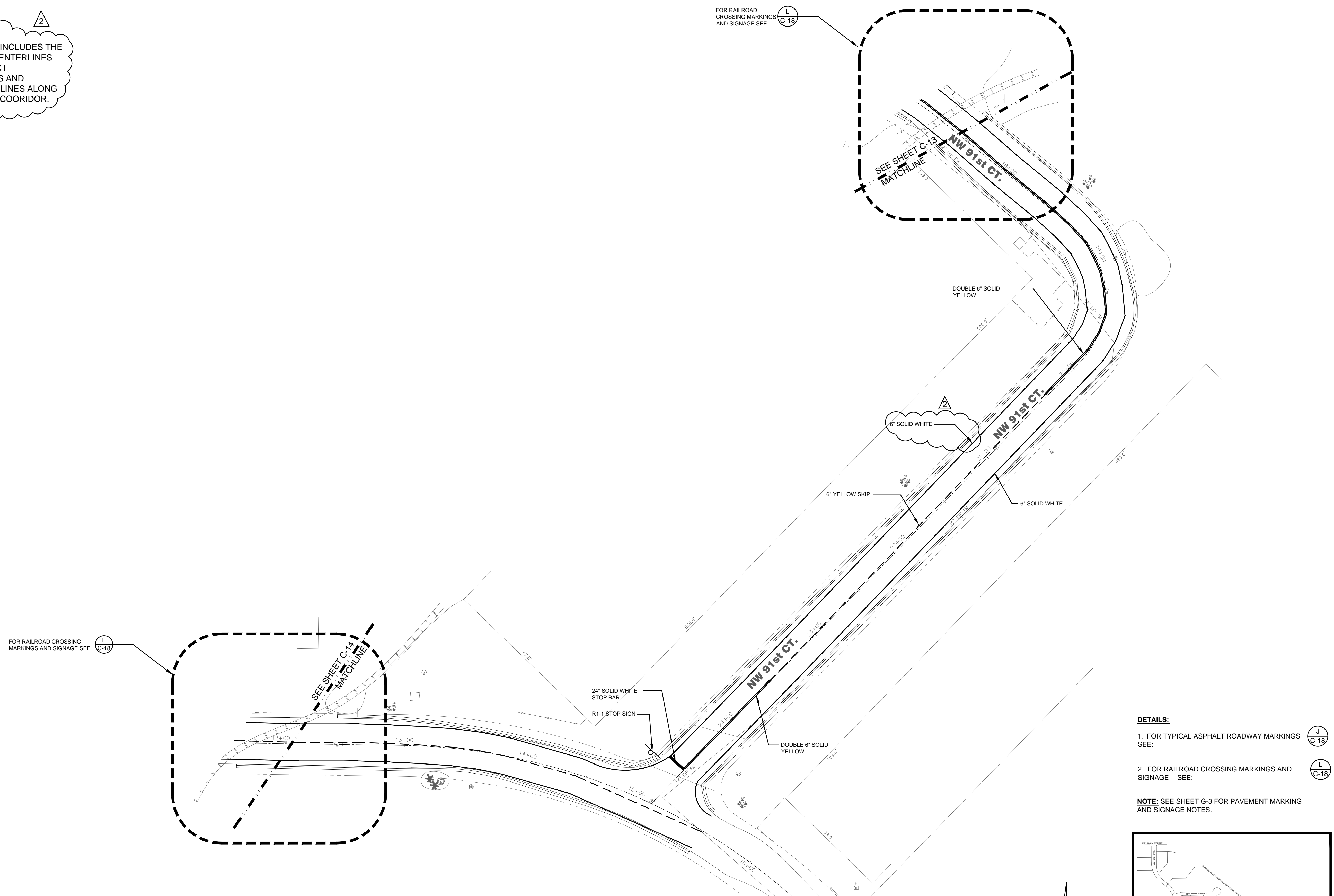
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 9499 N.E. 2nd AVENUE, SUITE 207
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MARKINGS AND SIGNAGE
 NW 91ST COURT
 FLOOD MITIGATION AREA
 MEDLEY, FL

FOR RAILROAD CROSSING MARKINGS AND SIGNAGE SEE C-18

FOR RAILROAD CROSSING MARKINGS AND SIGNAGE SEE C-18

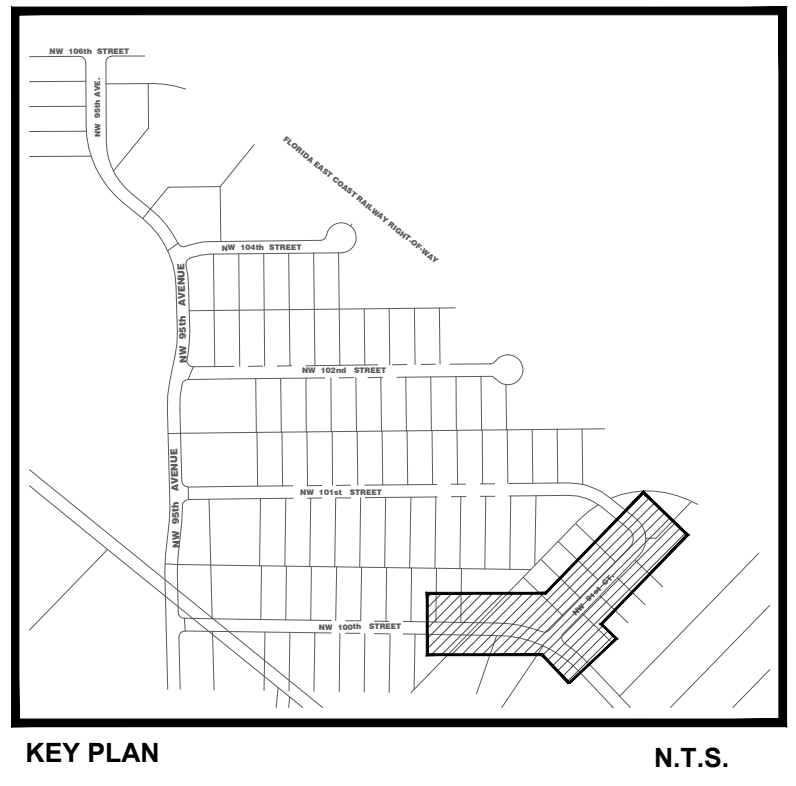
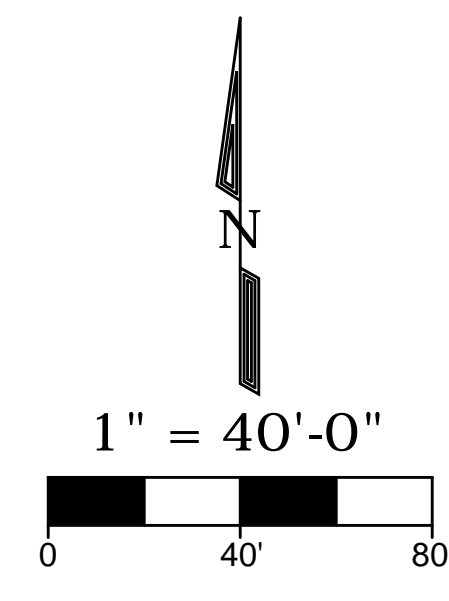


DETAILS:

1. FOR TYPICAL ASPHALT ROADWAY MARKINGS SEE: J C-18

2. FOR RAILROAD CROSSING MARKINGS AND SIGNAGE SEE: L C-18

NOTE: SEE SHEET G-3 FOR PAVEMENT MARKING AND SIGNAGE NOTES.



NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY

SEAL

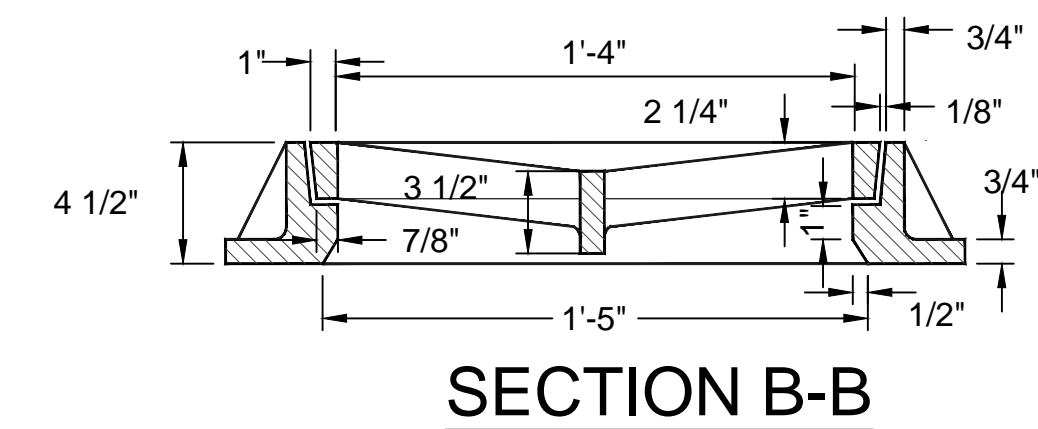
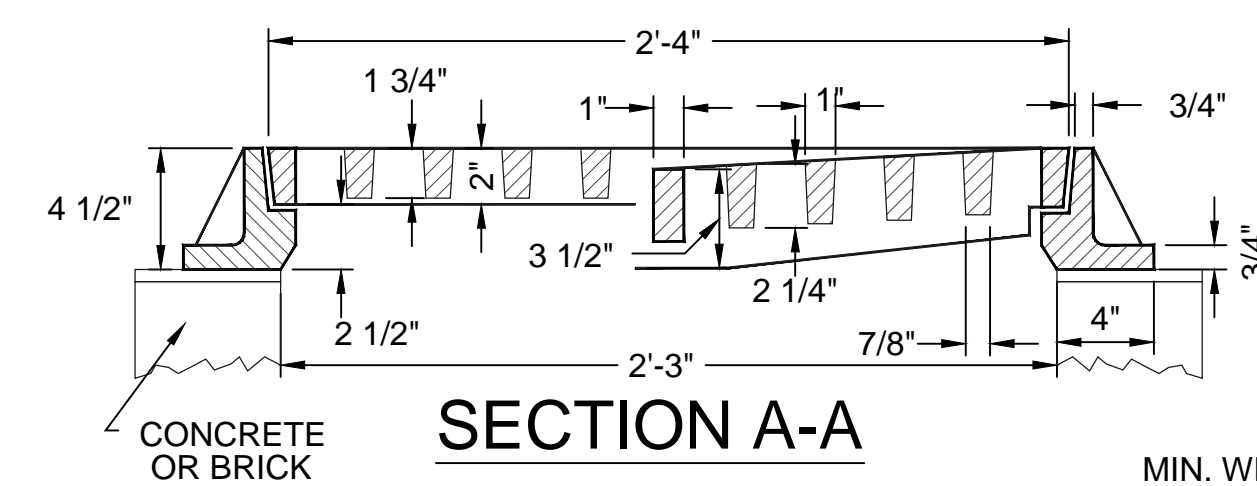
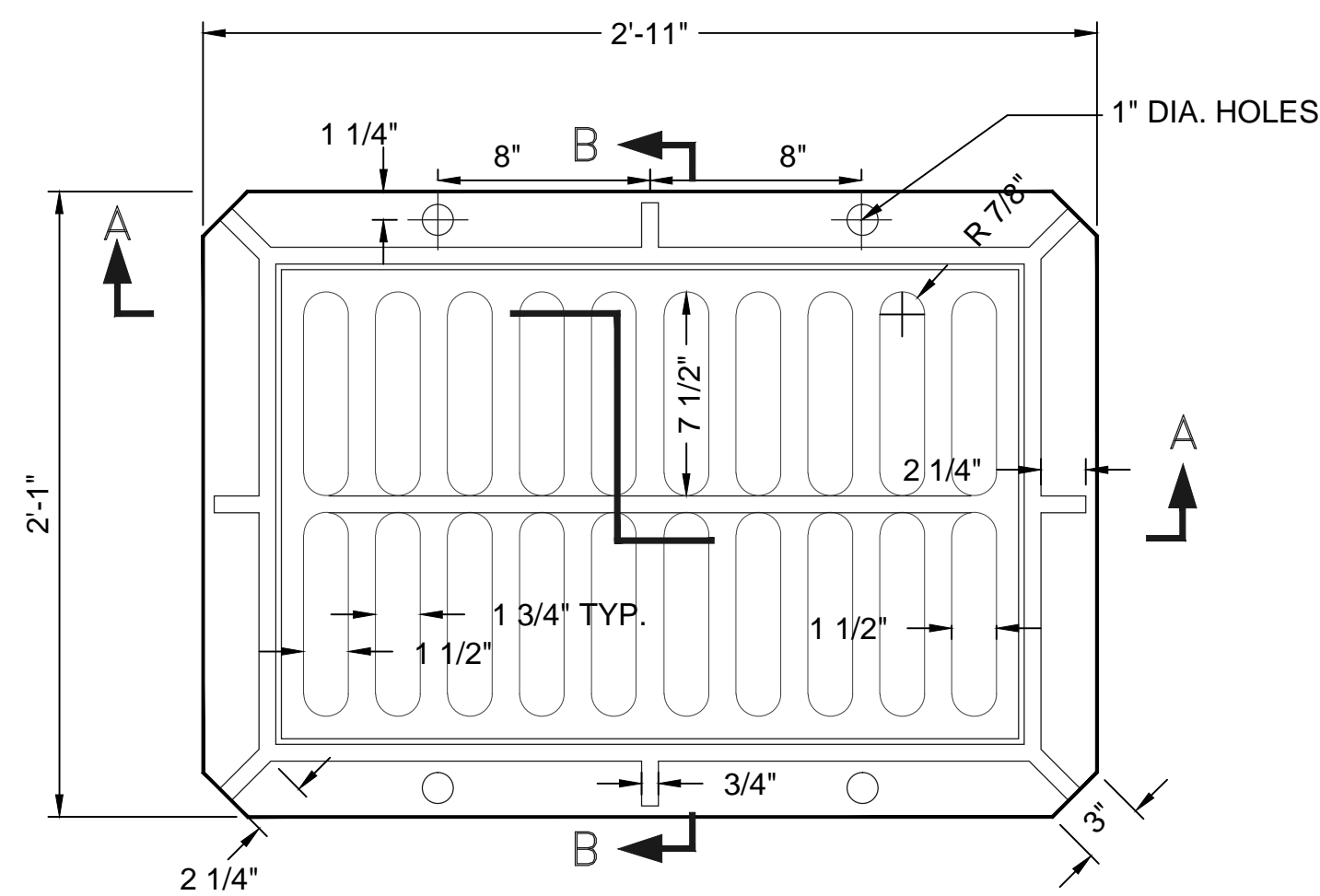
DIANA SANTANDER, P.E.
 FL # 65854

REVISIONS		
NO.	DATE	DRAWN BY
1	07-02-10	P.D.K.
2	01-26-12	R.G./B.J.F.

DATE	6/30/2009
JOB No.	MED4607
DESIGN BY	B.J.F.
DRAWN BY	B.J.F.
CHECKED BY	D.M.S.

DRAWING No.	C-15
SHEET No.	

24 OF 36 SHEETS

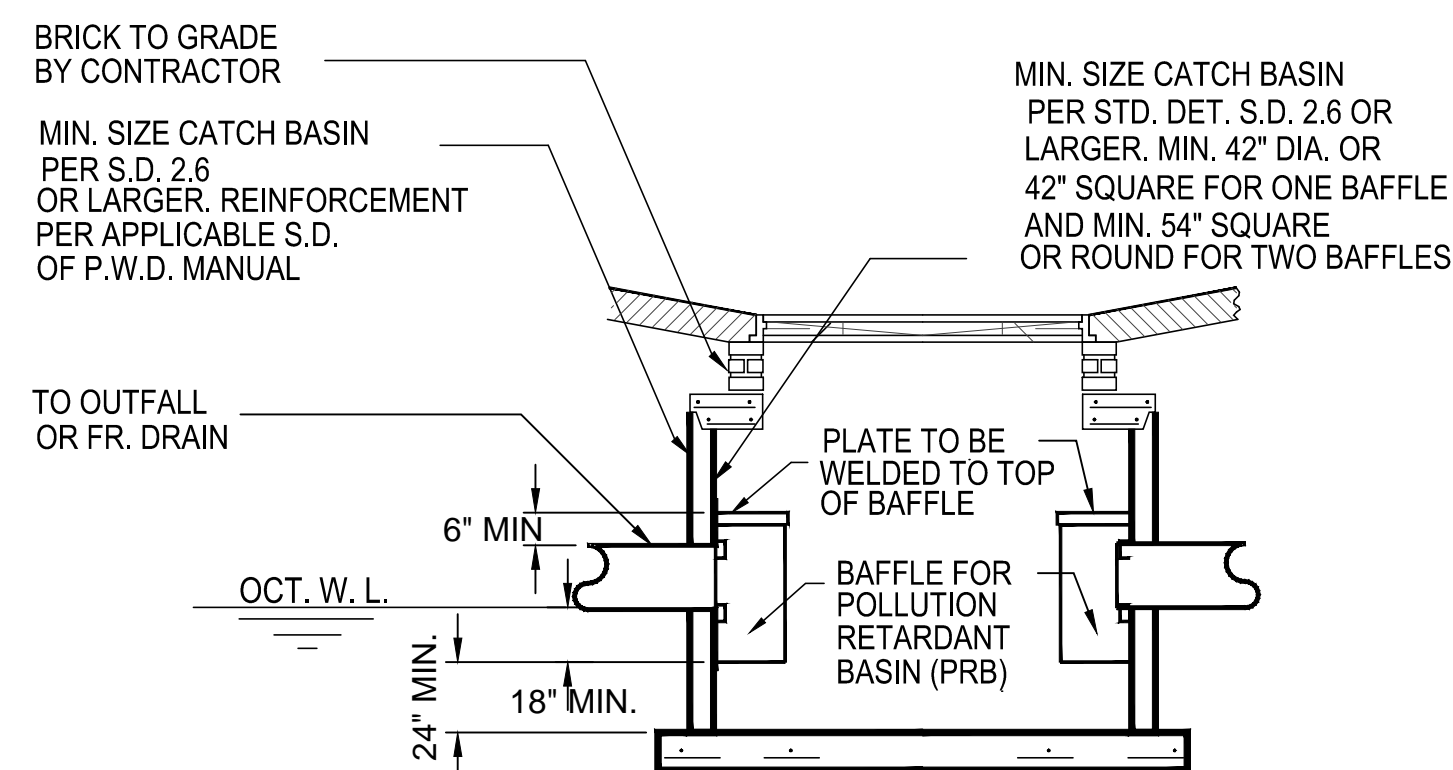


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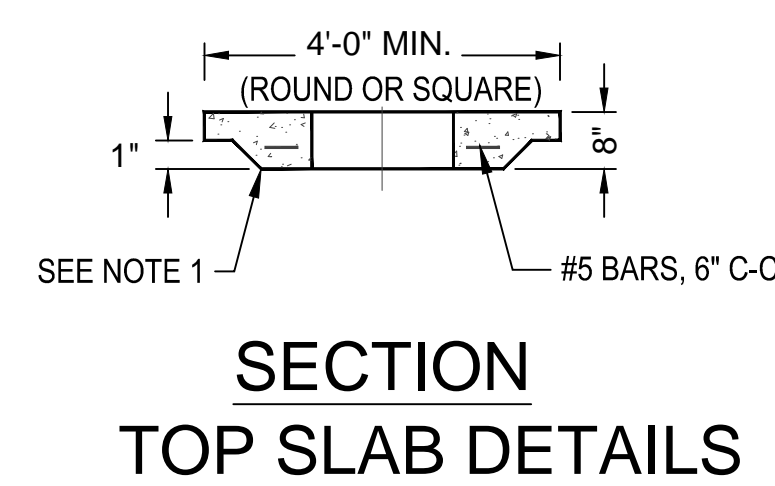
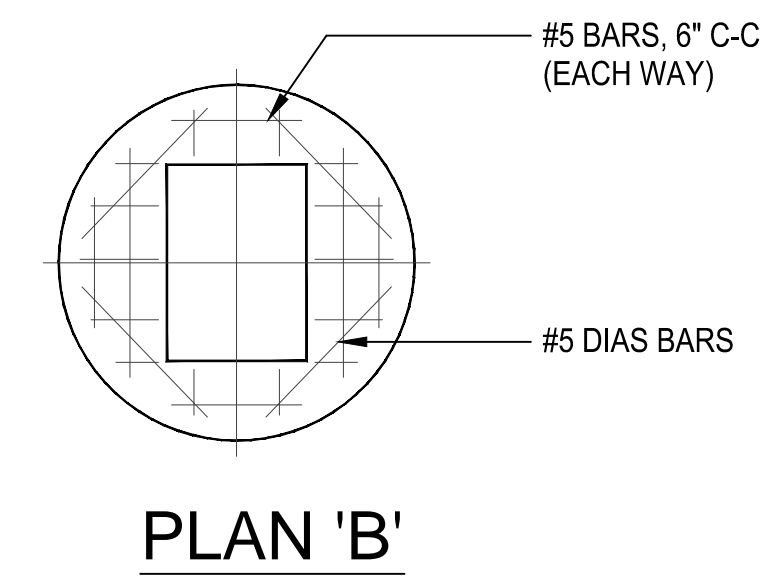
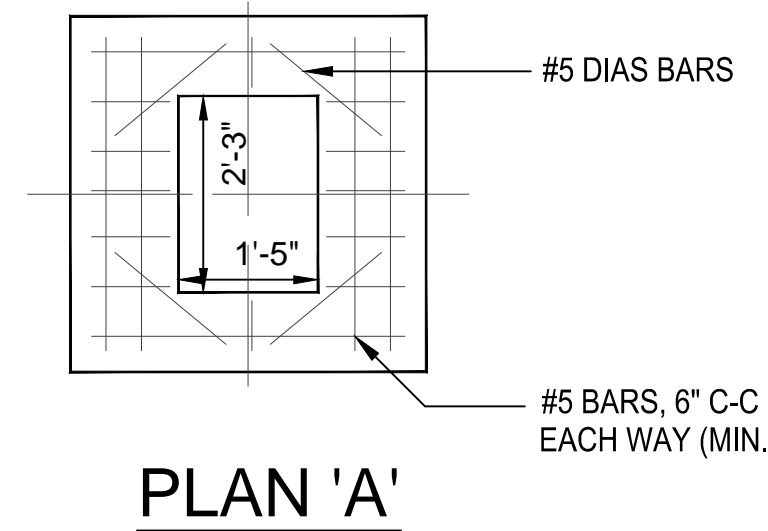
1. CIRCULAR STRUCTURES (ALTERNATES 'A') MAY BE CONSTRUCTED OF CONCRETE OR BRICK, BUT RECTANGULAR STRUCTURES (ALTERNATES 'B' & 'C') SHALL BE CONSTRUCTED OF CONCRETE ONLY. THE CONCRETE MAY BE CAST-IN-PLACE OR PRECAST.
2. WALL REINFORCEMENT AND THICKNESS ARE FOR EITHER CAST-IN-PLACE OR PRECAST CONCRETE EXCEPT THAT FOR PRECAST CIRCULAR UNITS ASTM SPECIFICATION C-76, TABLE III, FOR B WALL REINFORCED CONCRETE PIPE OR PRECAST CIRCULAR UNITS IN ACCORDANCE WITH ASTM SPECIFICATION C-478 WILL BE ACCEPTABLE. TOP AND FLOOR SLAB THICKNESS AND REINFORCEMENT ARE FOR ALL TYPES OF CONSTRUCTION.
3. PRECAST TOP AND/OR FLOOR SLABS MAY BE OF THE SAME CONCRETE AS SPECIFIED IN ASTM SPECIFICATIONS C-478 FOR PRECAST CIRCULAR UNITS.
4. SMOOTH FLOW CHANNELS COMPOSED OF CONCRETE, OR BRICK, AND MORTAR, SHALL BE CONSTRUCTED IN THE BOTTOMS OF ALL STRUCTURES TO A DEPTH EQUAL TO HALF THE DIAMETER OF THE LARGEST PIPE.
5. CORNER FILLETS SHOWN FOR RECTANGULAR STRUCTURES ARE NECESSARY ONLY WHEN STRUCTURES ARE USED IN CONJUNCTION WITH CIRCULAR TOPS.
6. STRUCTURES SHALL BE SECURED TO INLET THROATS, RISERS OF MANHOLE TOPS WITH A MINIMUM OF 6-NO. 4 BARS 12" LONG.
7. ANY INLET, MANHOLE OR JUNCTION BOX MAY BE USED IN CONJUNCTION WITH ANY INLET THROAT OR MANHOLE TOP.
8. MORTAR USED TO SEAL THE PIPE IN THE WALLS OF THE PRECAST UNITS SHALL BE OF SUCH A MIX THAT SHRINKAGE WILL NOT CAUSE LEAKAGE INTO OR OUT OF THE UNITS MAXIMUM OPENING FOR PIPE SHALL BE MAX REQUIRED OD + 6".
9. BRICK MASONRY CONSTRUCTION SHALL BE PLASTERED WITH 1/2" THICK MORTAR INSIDE AND OUTSIDE.
10. CONCRETE PROTECTION FOR REINFORCEMENT IN CAST-IN-PLACE OR PRECAST CONCRETE SHALL BE IN ACCORDANCE WITH CHAPTER 7, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-71)".

MIN. WEIGHTS
GRATE: 153 LBS.
FRAME: 215 LBS.

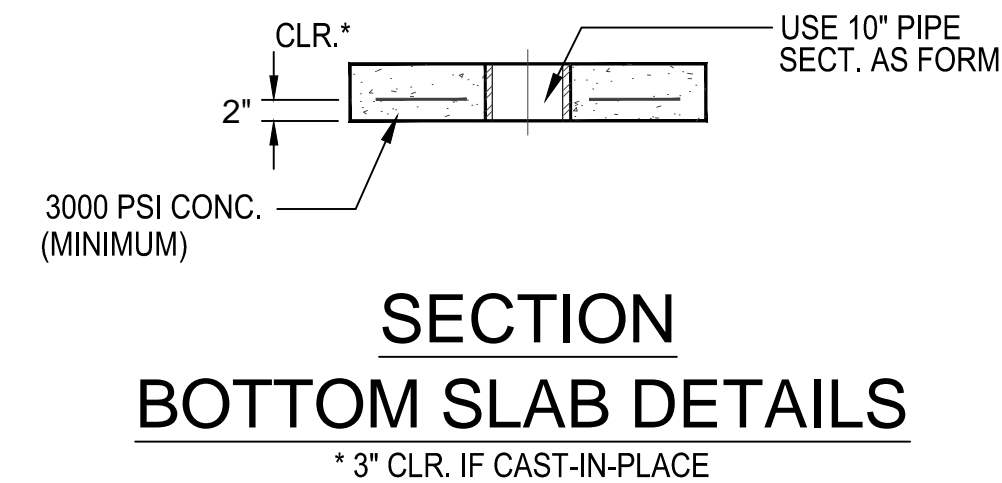
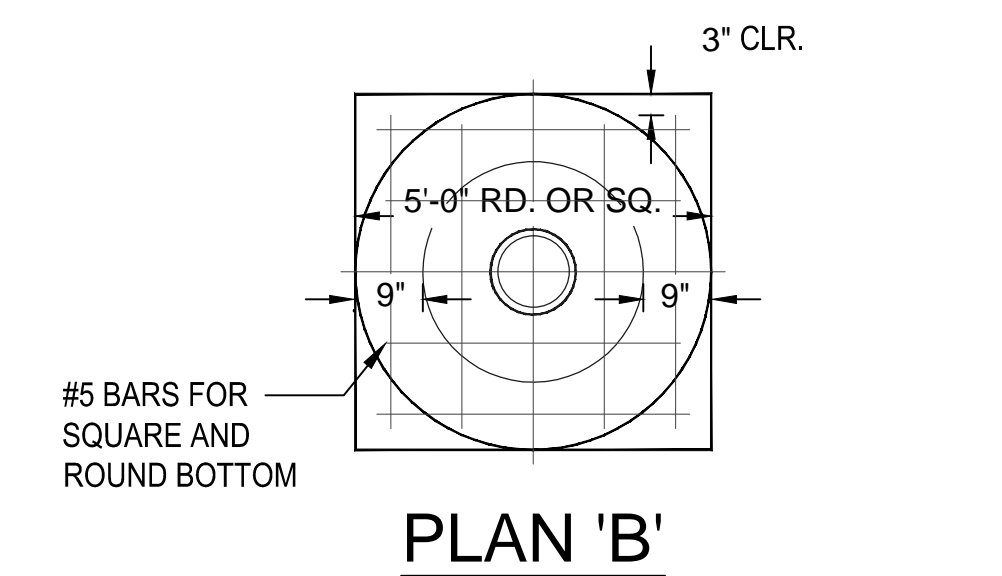
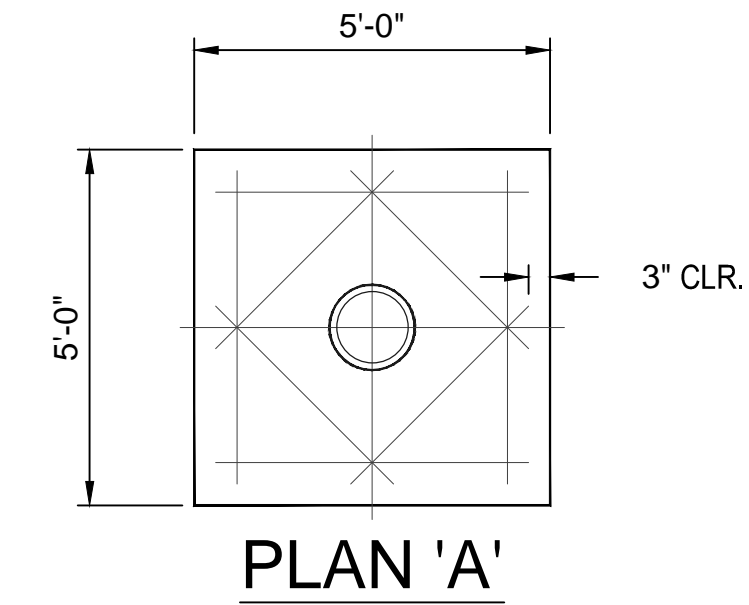
A CATCH BASIN FRAME AND GATE
C-1



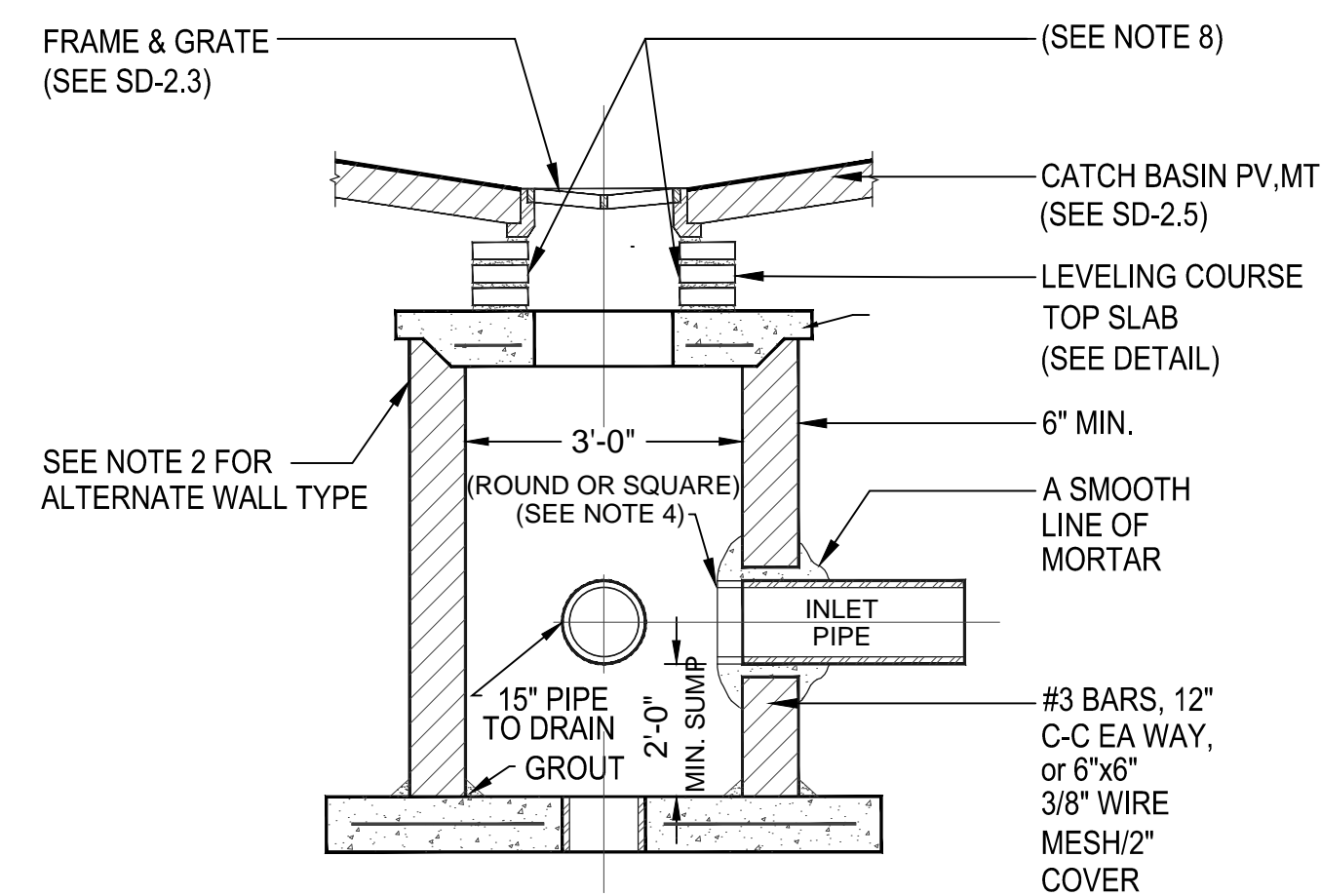
C TYPICAL CATCH BASIN S.D. 2.9 WITH BAFFLE
C-1



SECTION TOP SLAB DETAILS



SECTION BOTTOM SLAB DETAILS
* 3" CLR. IF CAST-IN-PLACE



TYPICAL SECTION

B PRECAST CATCH BASIN
C-1

NOTES:

1. CAST TOP SLAB TO FIT WALL USED.
2. TONGUE & GROOVE REINFORCED CONCRETE PIPE A.S.T.M. DESIGNATION C-76 CLASS III.
3. BOTTOM SLAB MAY BE PRECAST OR POURED-IN-PLACE PLAN 'B' REINFORCING MUST BE USED WHEN ROUND RISER IS POURED INTEGRAL WITH BOTTOM.
4. PIPES MAY EXTEND INTO CATCH BASIN A MAXIMUM OF 3".
5. USE 3000 PSI CONCRETE. (MINIMUM)
6. MAXIMUM PIPE SIZE 24".
7. MORTAR SHALL BE AS SPECIFIED IN SUB-ARTICLE 320.02 F.
8. A SMOOTH LINE OF MORTAR 1/2" THICK INSIDE AND OUTSIDE.

DETAILS

**FLOOD MITIGATION AREA
MEDLEY, FL**

NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY

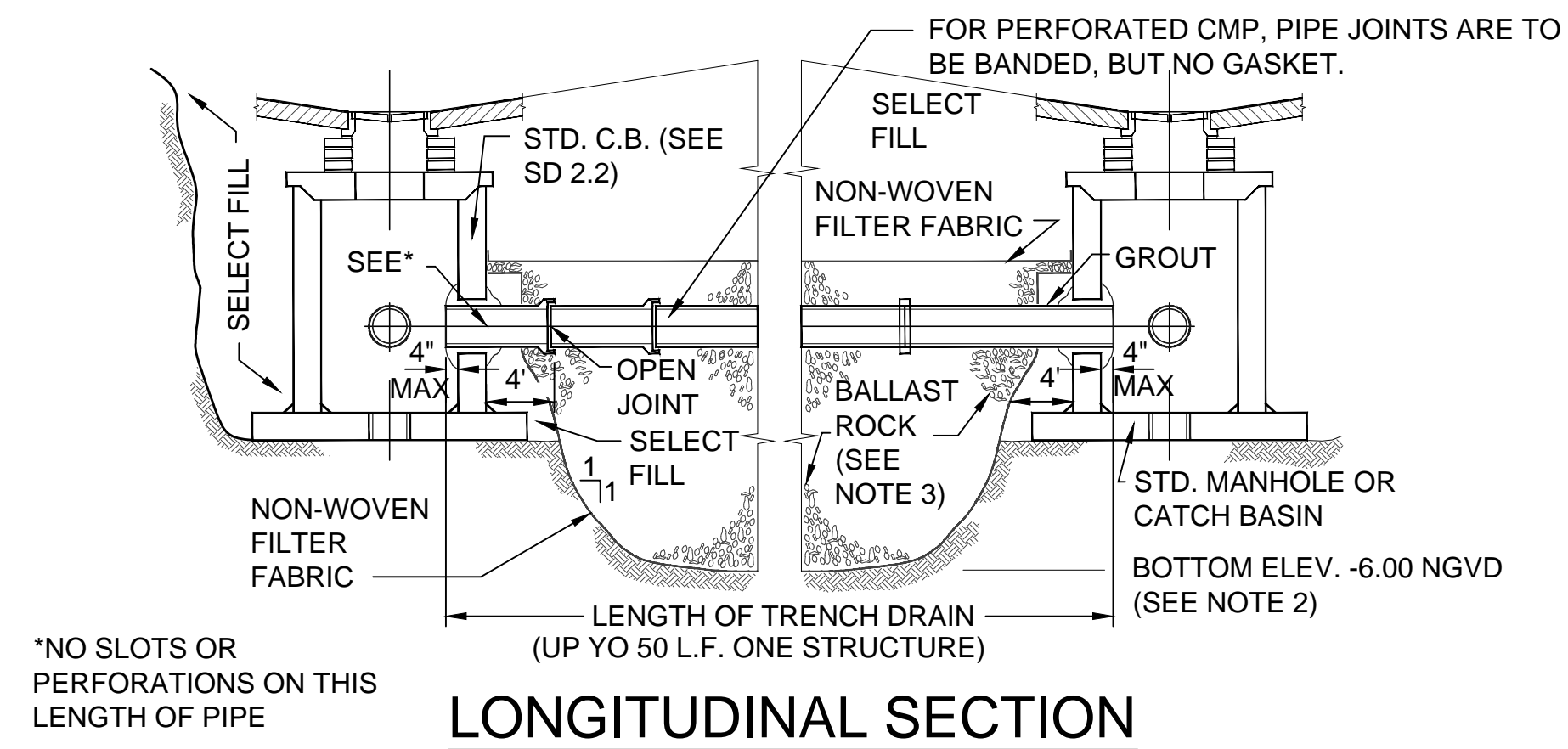
SEAL		
DIANA M. SANTANDER, P.E. FL # 65854		

REVISIONS		
DATE	DATE	DRAWN BY
07-02-10		P.D.K.
01-26-12		R.G./B.J.F.

DATE	6/30/2009
JOB No.	MED4607
DESIGN BY	B.J.F.
DRAWN BY	B.J.F.
CHECKED BY	D.M.S.

DRAWING No.	C-16
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SHEET No.

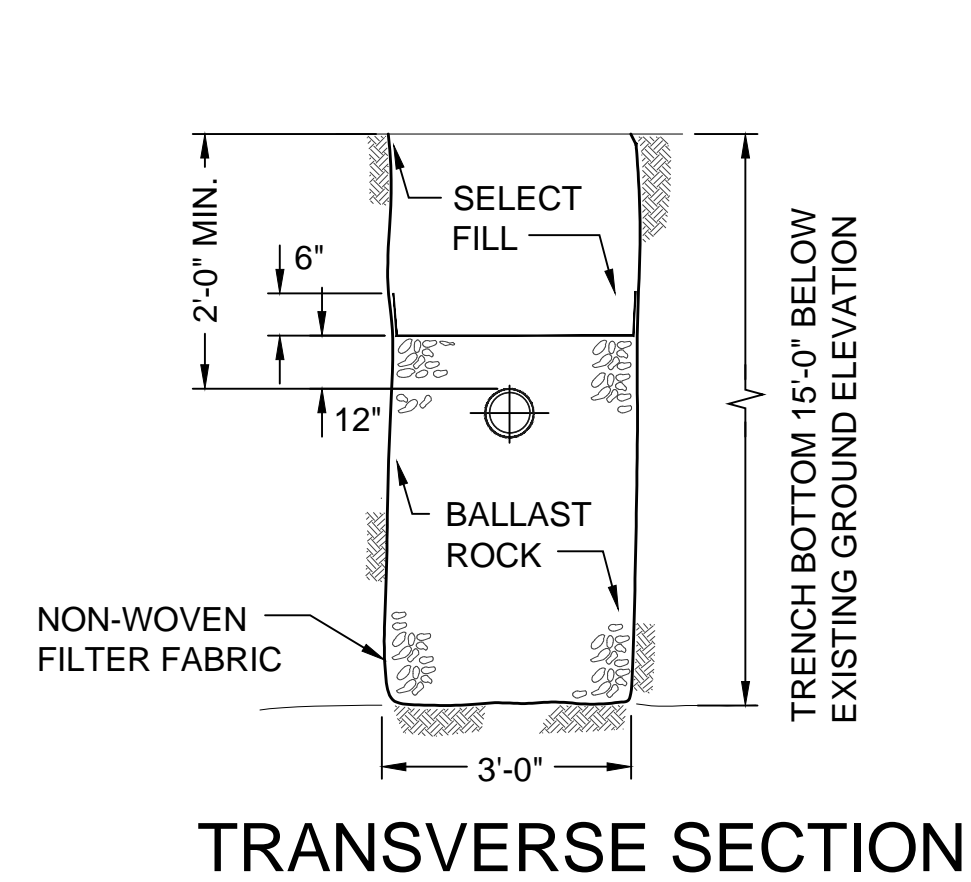


LONGITUDINAL SECTION

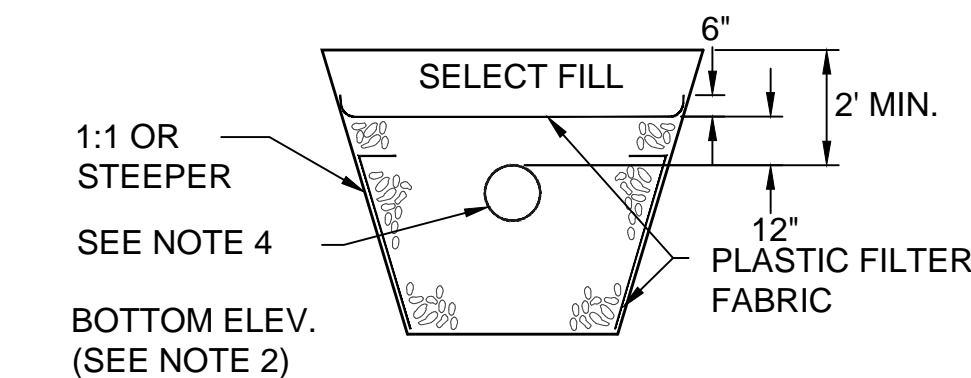
NOTES:

- NON-WOVEN FILTER FABRIC (AT EA. SIDE) SHALL BE USED IN SANDY AREAS AS NOTED ON PLANS AND/OR AS DIRECTED BY THE ENGINEER.
- THE BOTTOM OF THE EXCAVATION TRENCH SHALL BE 15'-0" BELOW EXISTING GROUND ELEVATION, UNLESS FIELD CONDITIONS WARRANT OTHERWISE.
- AFTER THE BALLAST ROCK HAS BEEN PLACED TO THE PROPER ELEVATION, IT SHALL BE CAREFULLY WASHED DOWN WITH CLEAN WATER IN ORDER TO ALLOW FOR INITIAL SETTLEMENT THAT MAY OCCUR. IF IT DOES TAKE PLACE, ADDITIONAL BALLAST ROCK WILL BE ADDED TO RESTORE THE BALLAST ROCK TO THE PROPER ELEVATION, SO THAT THE EXFILTRATION TRENCH BE COMPLETED IN ACCORDANCE WITH THE DETAILS.
- INVERT ELEVATION TO BE NO LOWER THAN OCTOBER GROUNDWATER TABLE (3.0' NGVD) MINUS 6".

NOTE: IF THIS DETAIL IS TO BE USED FOR PRETREATMENT OF STORMWATER RUN-OFF, THE INVERT OF PIPE TO BE AS SHOWN IN W.C. 2.2; IF PRETREATMENT HAS BEEN PROVIDED THRU OTHER MEANS THE INVERT OF PIPE CAN BE LOWER THAN SHOWN IN W.C. 2.2.

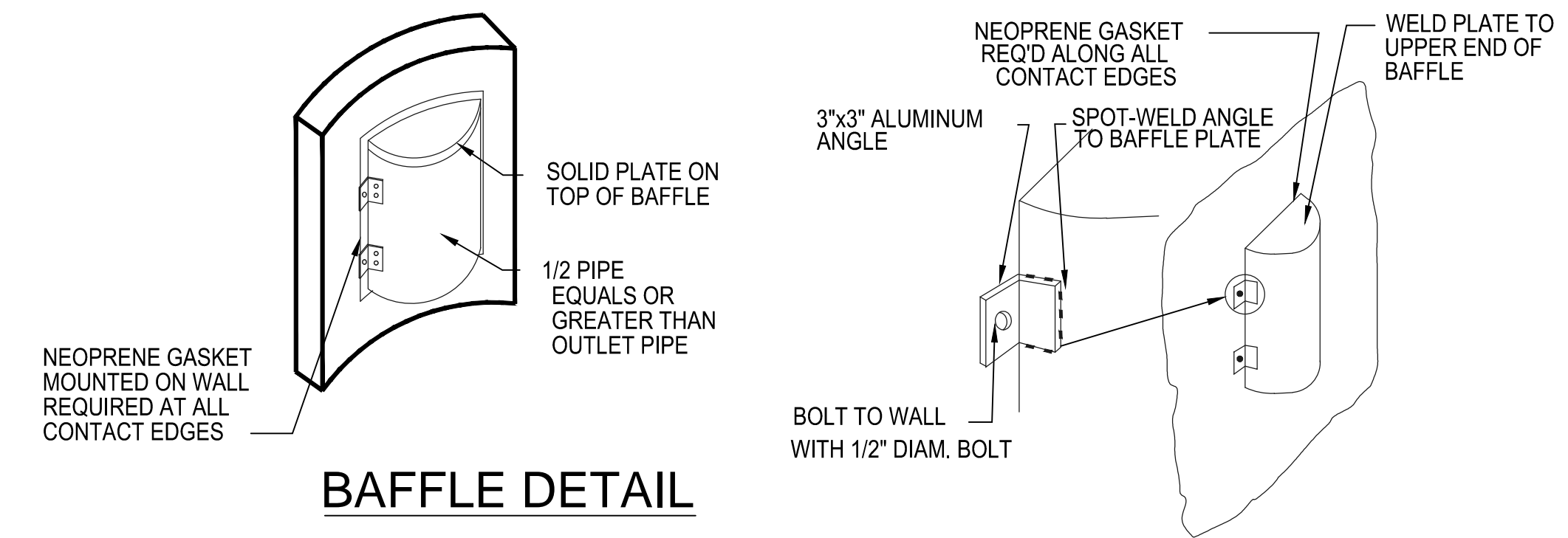


TRANSVERSE SECTION



ALT. TRANS. SECTION

MAY BE USED IN AREAS WHERE TRENCH WALLS WILL NOT STAND VERTICAL, OR WHERE CAVE IN BELOW THE WATER TABLE IS LIKELY TO OCCUR. TO BE USED AT THE ENGINEER'S DISCRETION.



BAFFLE DETAIL

ALTERNATE "B"

DETAIL

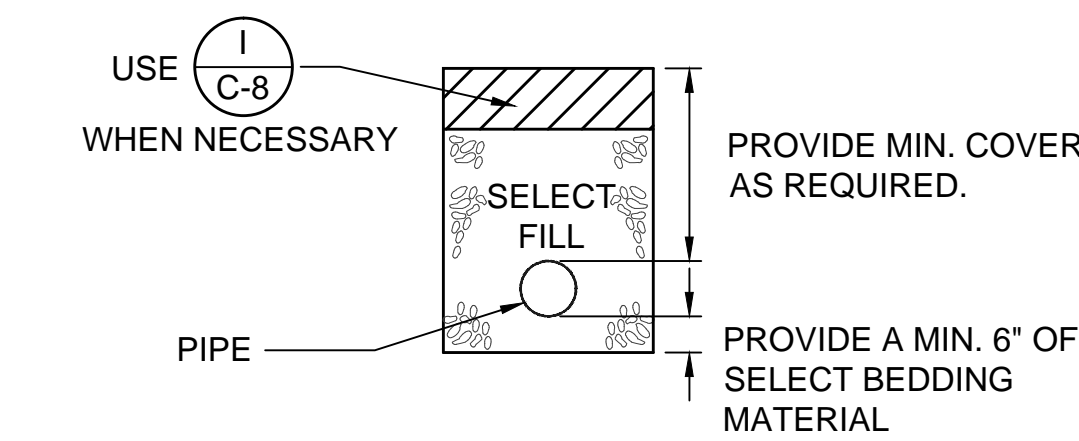
PLAN VIEW

BAFFLE DETAIL

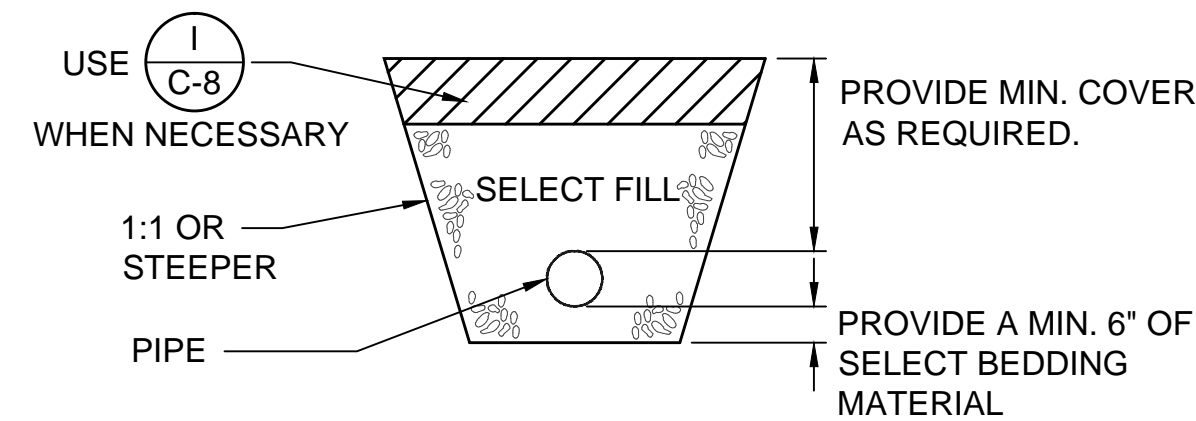
9-24-96 L.C.A. A.C. I.S.
9-24-96 L.C.A. A.C. I.S.
9-24-96 L.C.A. A.C. I.S.

E C-1 MD COUNTY P.W.D. BAFFLE STANDARD DETAIL

D C-1 EXFILTRATION TRENCH



TRANSVERSE SECTION



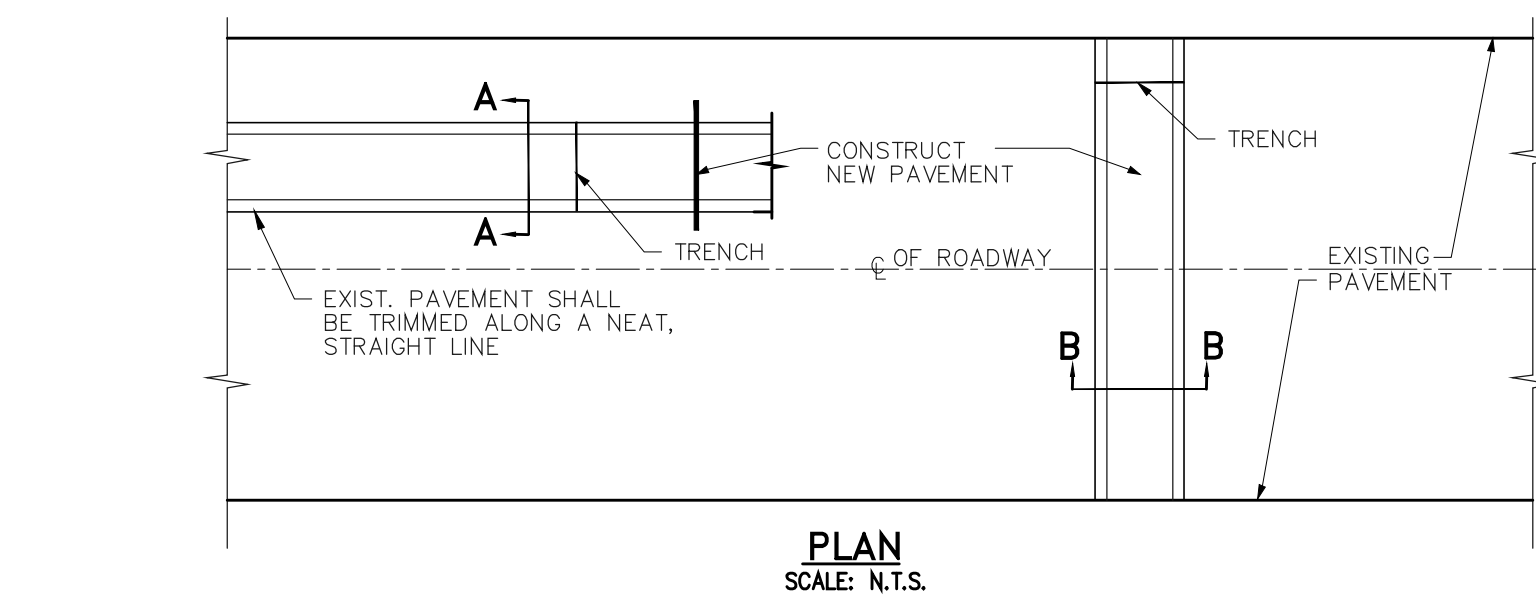
ALT. TRANS. SECTION

MAY BE USED IN AREAS WHERE TRENCH WALLS WILL NOT STAND VERTICAL, OR WHERE CAVE IN BELOW THE WATER TABLE IS LIKELY TO OCCUR. TO BE USED AT THE ENGINEER'S DISCRETION.

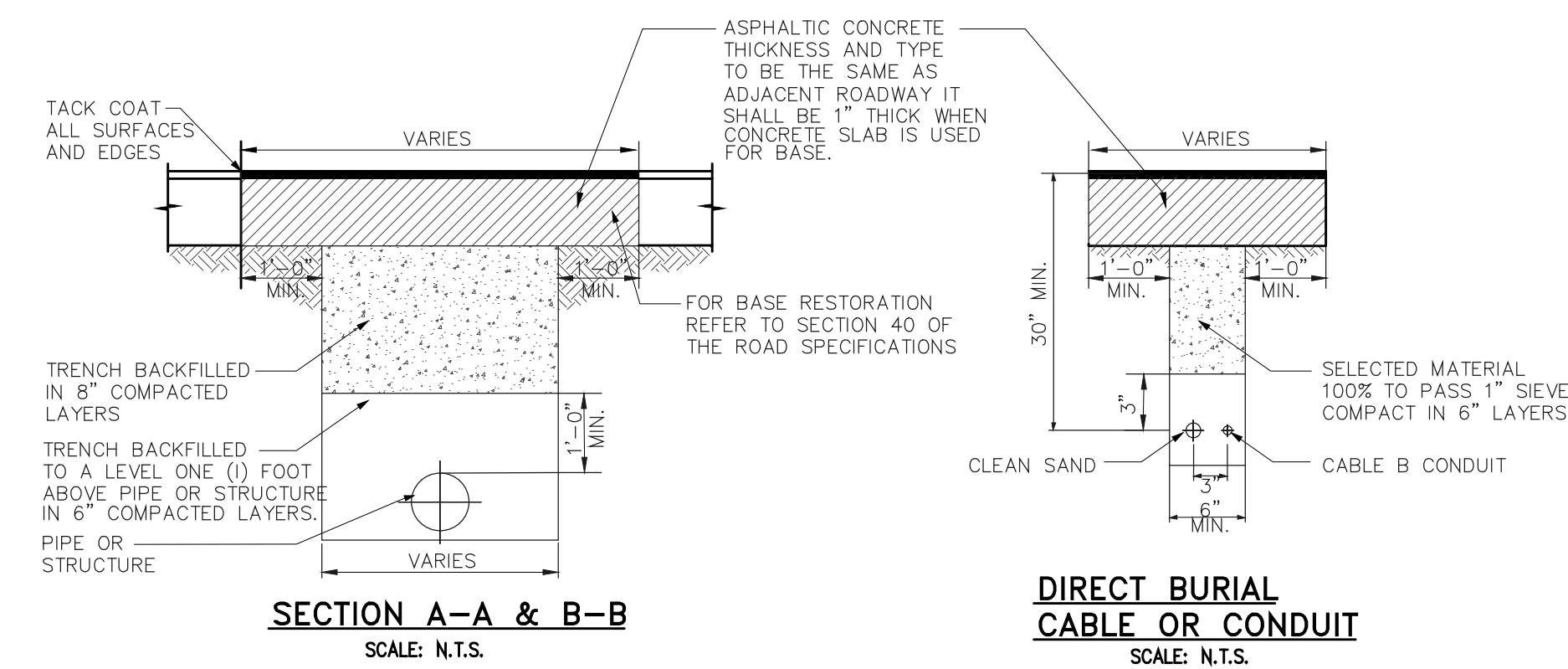
MIN. COVER OVER UTILITIES:

- WATER MAINS 8" AND SMALLER - 36"
- WATER MAINS 10" AND LARGER - 48"
- FORCE MAINS 8" AND SMALLER - 30"
- FORCE MAINS 10" AND LARGER - 48"
- GRAVITY SEWER - 36"
- STORM DRAINAGE - 24"
- SEWER LATERAL - 24"

F C-1 WATER, SEWER OR SOLID DRAINAGE PIPE



PLAN SCALE: N.T.S.



SECTION A-A & B-B SCALE: N.T.S.

DIRECT BURIAL CABLE OR CONDUIT SCALE: N.T.S.

NOTES:

- PAVEMENT RESTORATION FOR LONGITUDINAL CUTS SHALL INCLUDE FULL LANE WIDTH RESURFACING FOR EACH LANE WITHIN WHICH THE CUT EXTENDS.
- IN SOME CASES IT WILL BE NECESSARY TO OVER LAY MORE THAN ONE (1) LANE WITH ASPHALTIC CONCRETE TO SATISFY PAVEMENT SLOPE.

G C-1 MD COUNTY PAVEMENT RESTORATION FOR TRENCHES CUT IN ROW

NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY

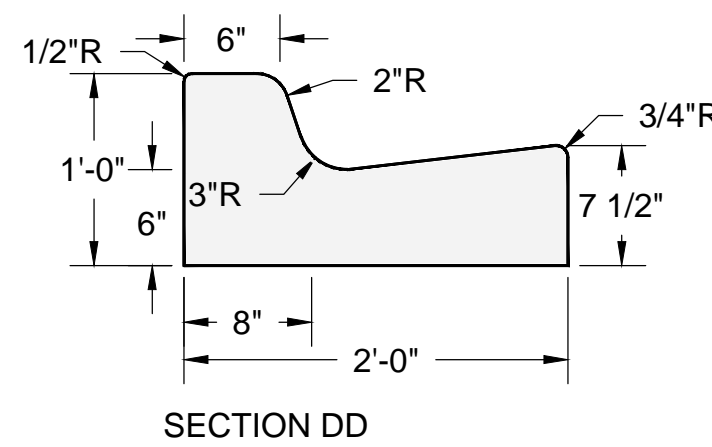
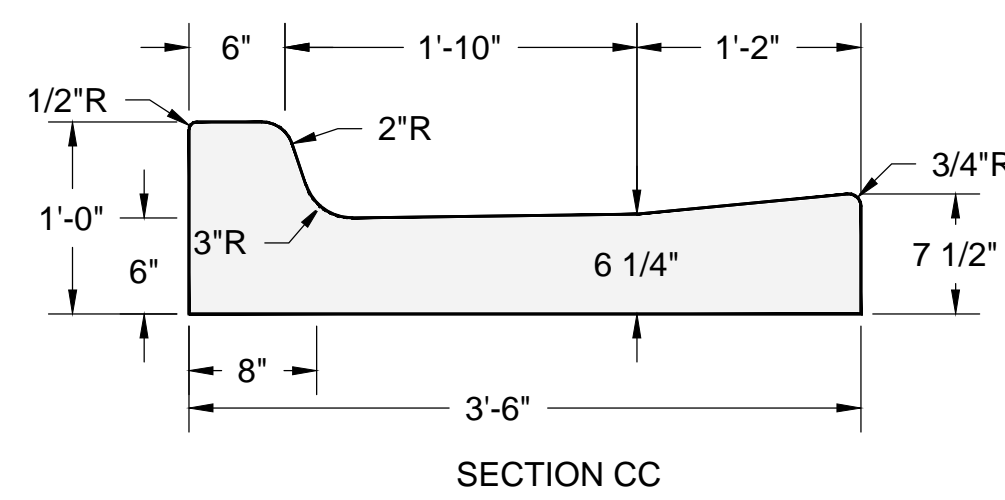
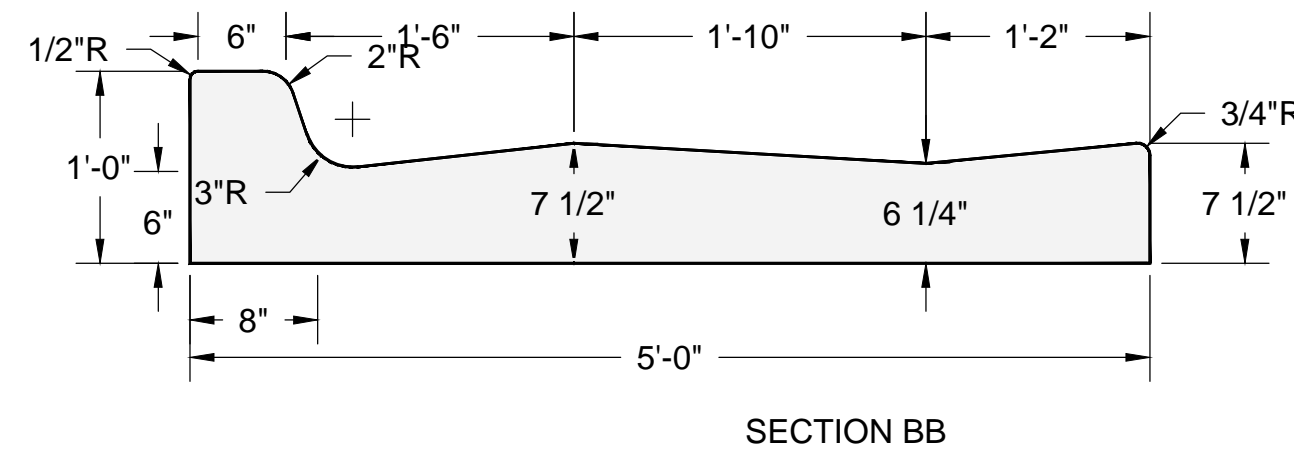
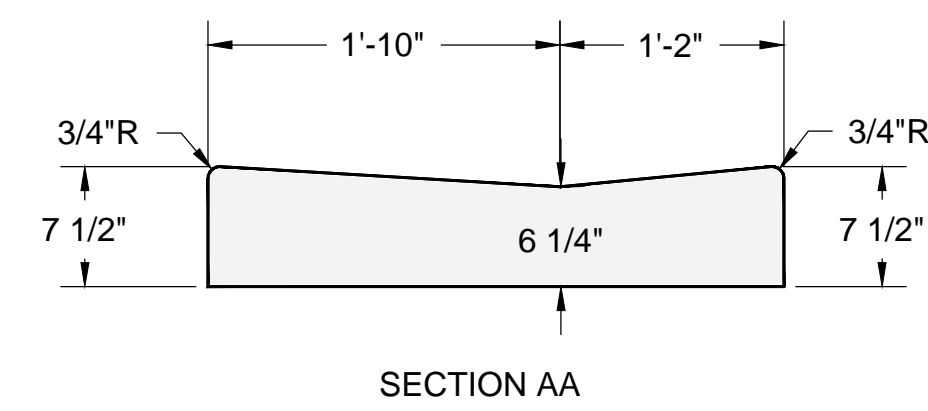
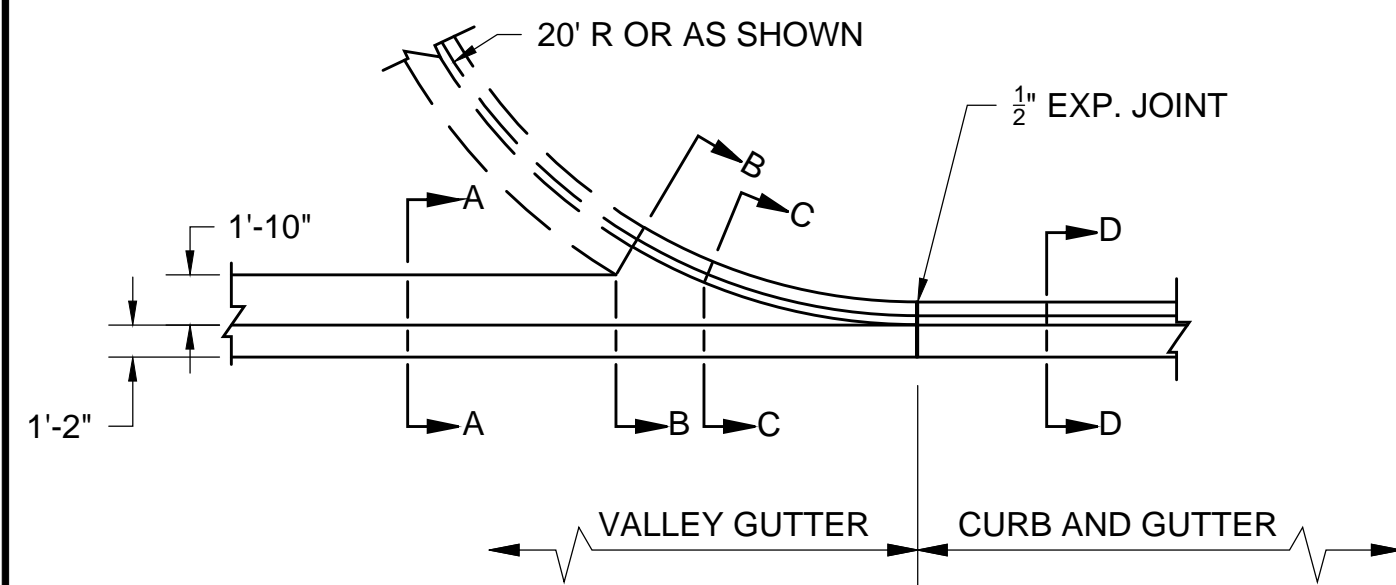
SEAL	
DIANA M. SANTANDER, P.E. FL # 65854	

REVISIONS		
DATE	DRAWN BY	
01-26-12	R.G./B.J.F.	
07-02-00	B.J.F.	

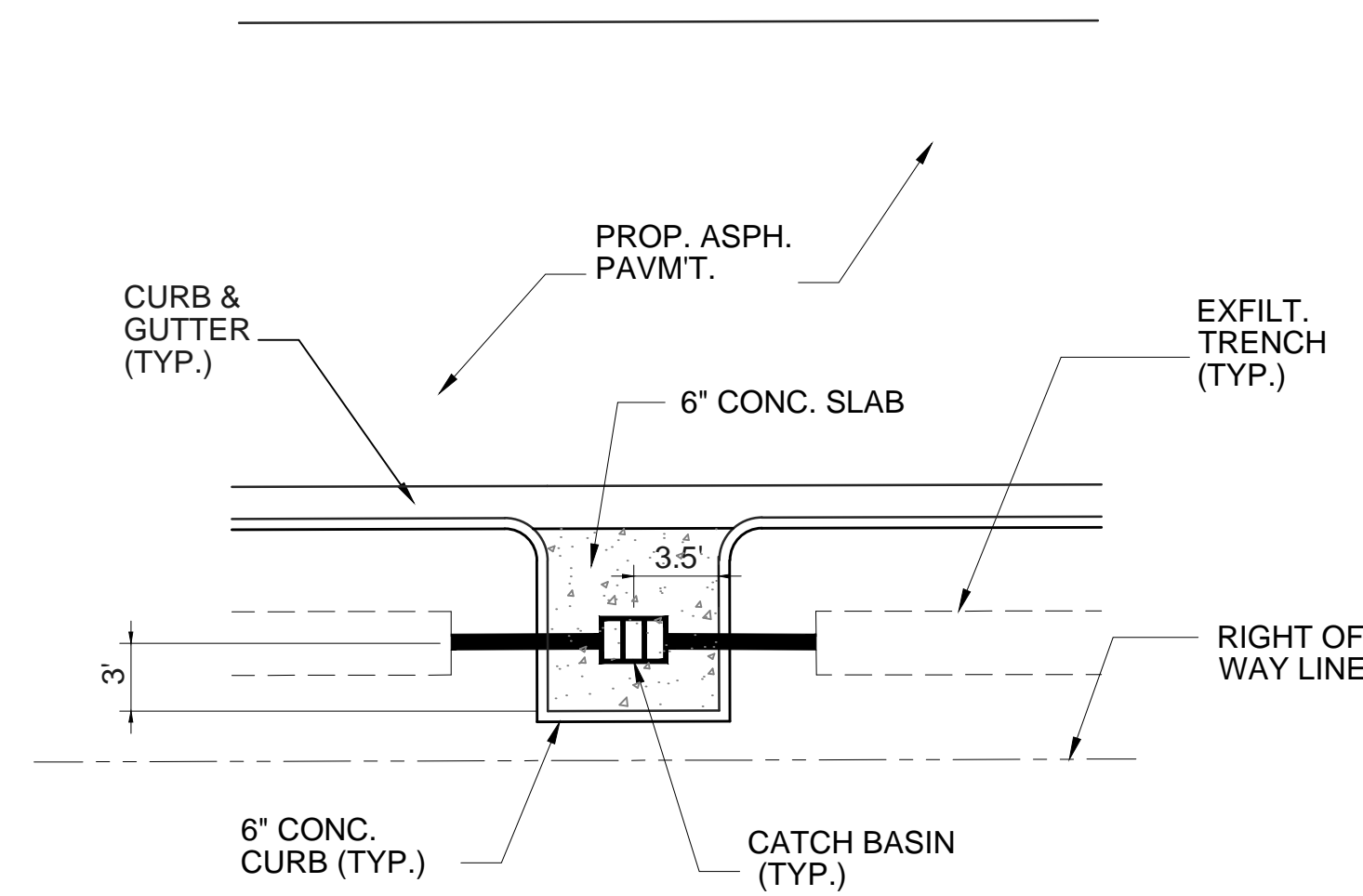
DATE	6/30/2009
JOB No.	MED4607
DESIGN BY	B.J.F.
DRAWN BY	B.J.F.
CHECKED BY	D.M.S.

DRAWING No.	C-17
SHEET No.	

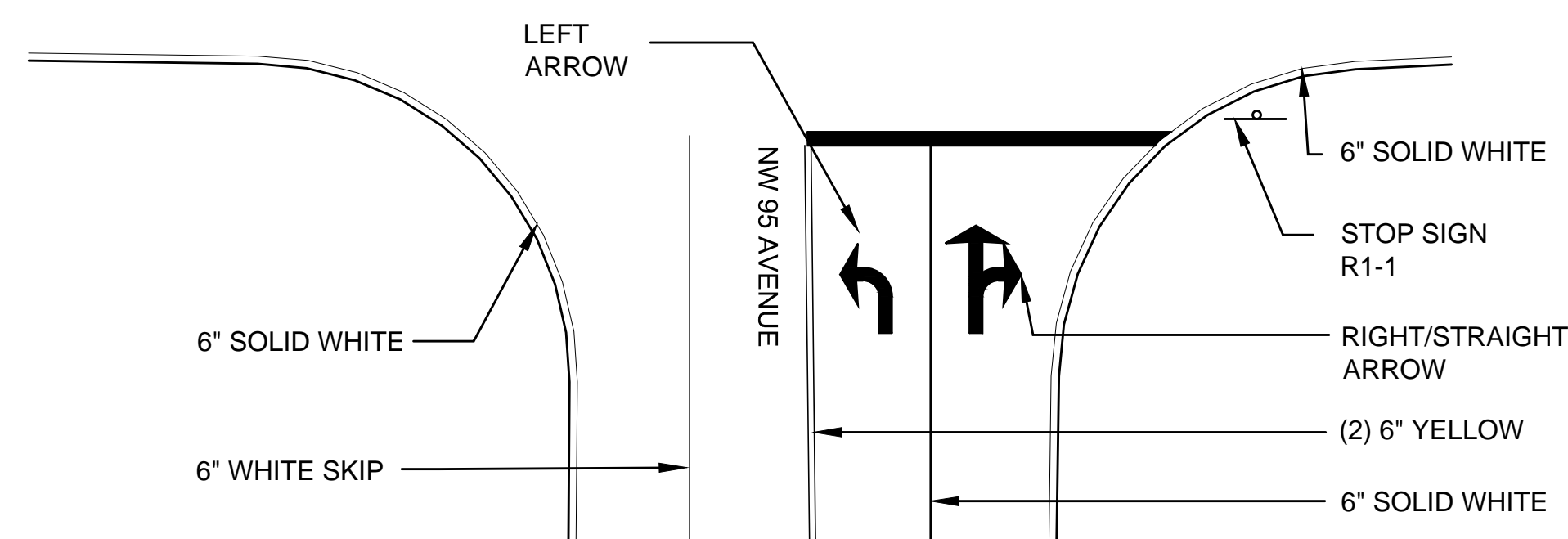
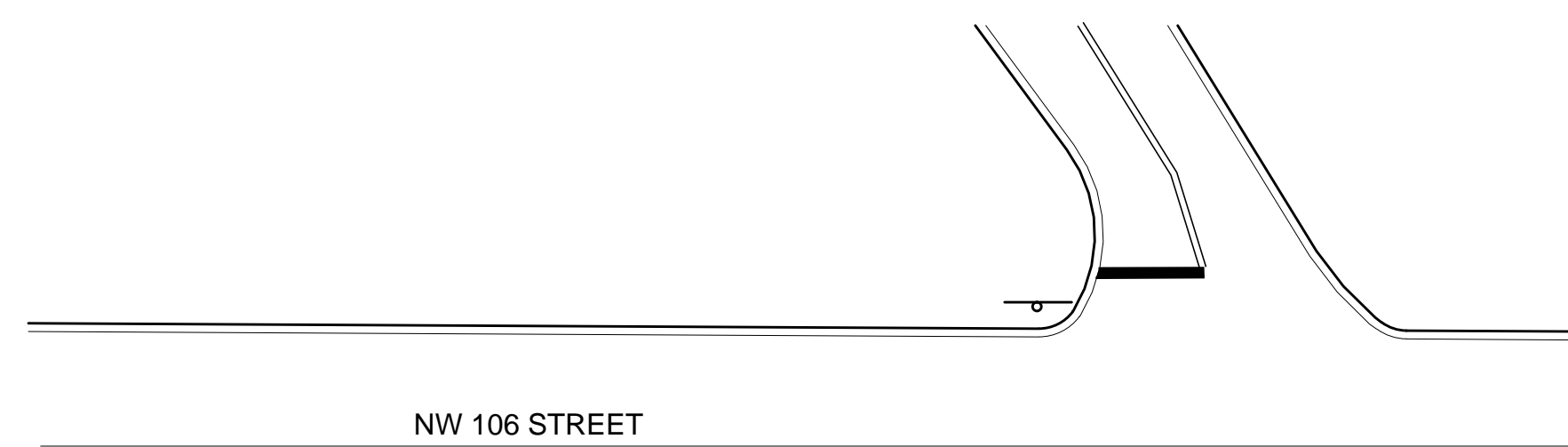
NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY



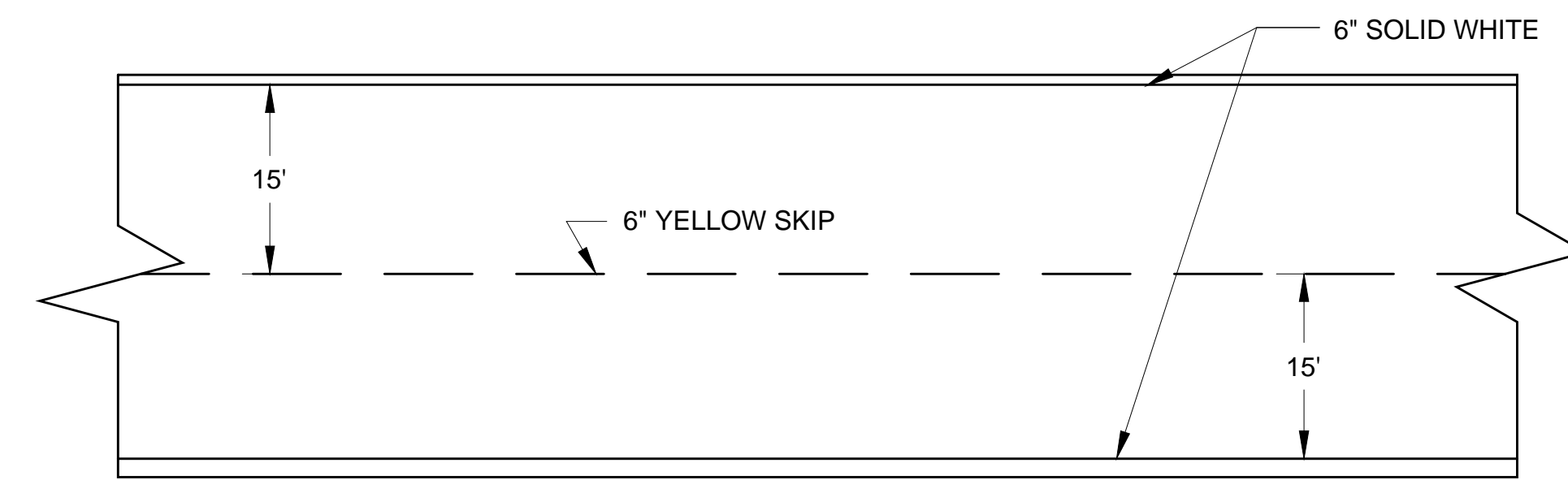
H
C-6 TYPICAL VALLEY GUTTER AND CURB AND GUTTER TRANSITION



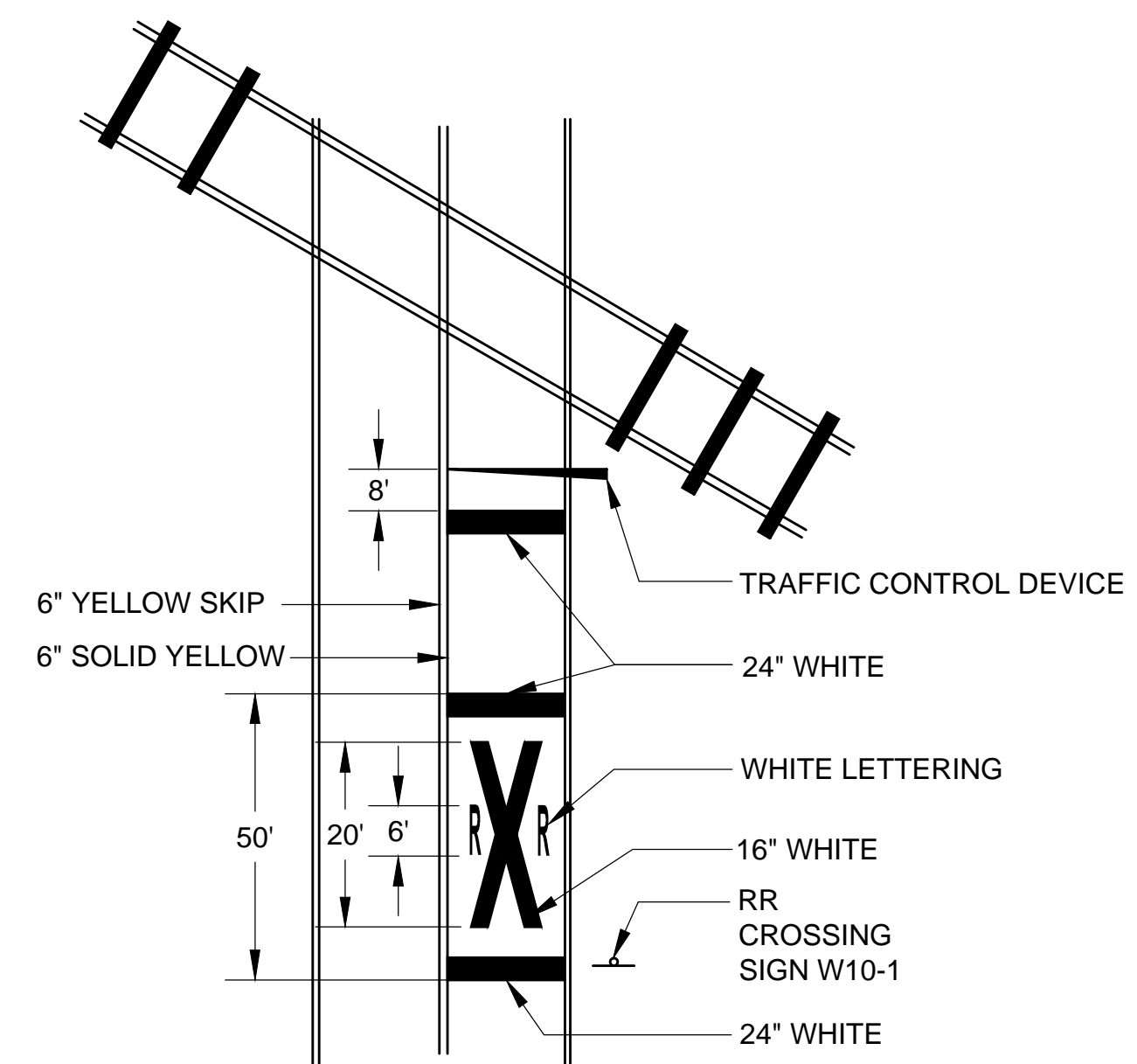
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C-6 TYPICAL CATCH BASIN WITH CONCRETE SLAB APRON



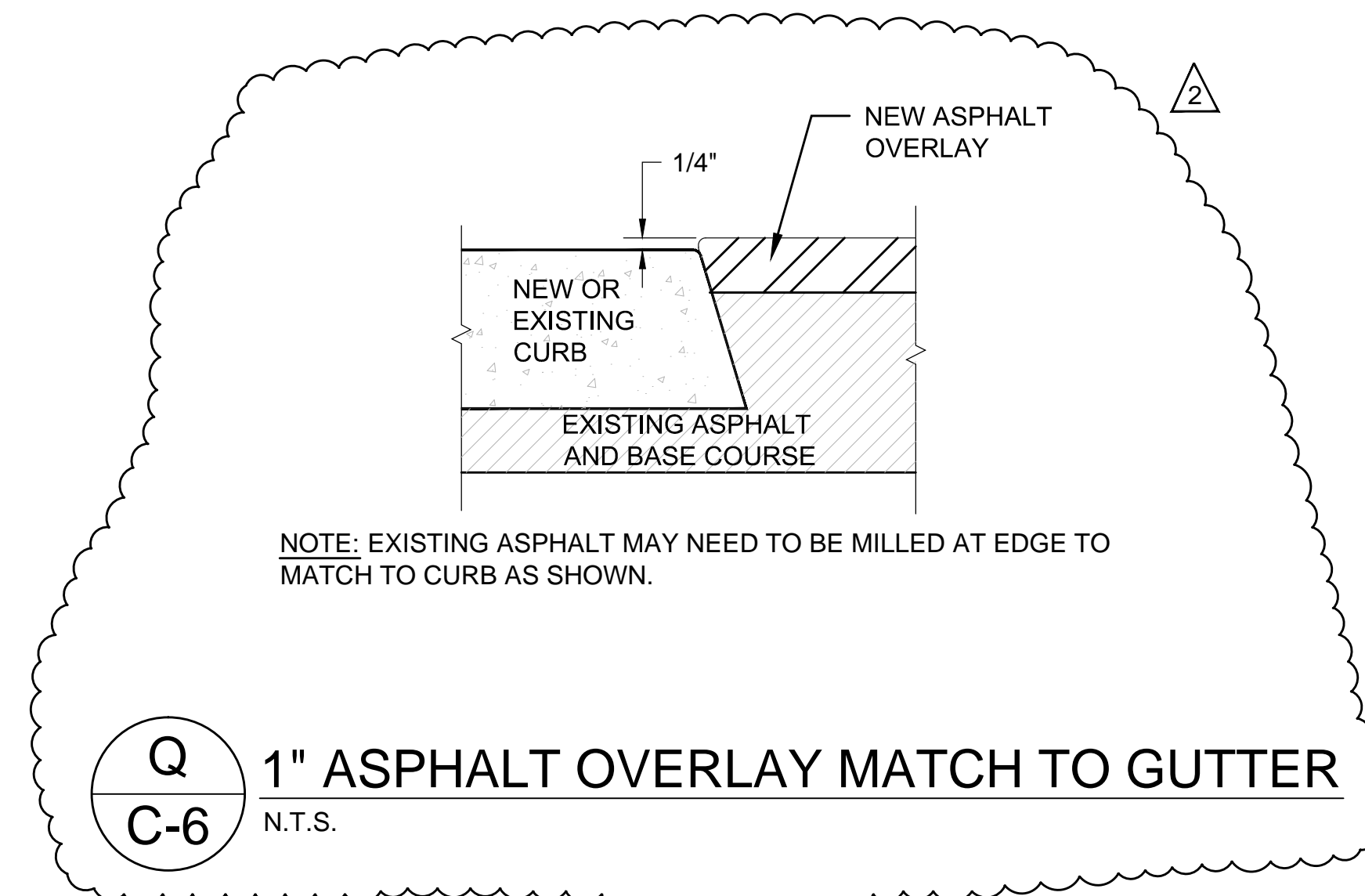
K
C-11 INTERSECTON MARKINGS
N.T.S.



J
C-11 TYPICAL ASPHALT ROADWAY MARKINGS
N.T.S.



L
C-13 RAILROAD CROSSING MARKINGS
N.T.S.



Q
C-6 1" ASPHALT OVERLAY MATCH TO GUTTER
N.T.S.

SEAL

DIANA M. SANTANDER, P.E.
FL # 65854

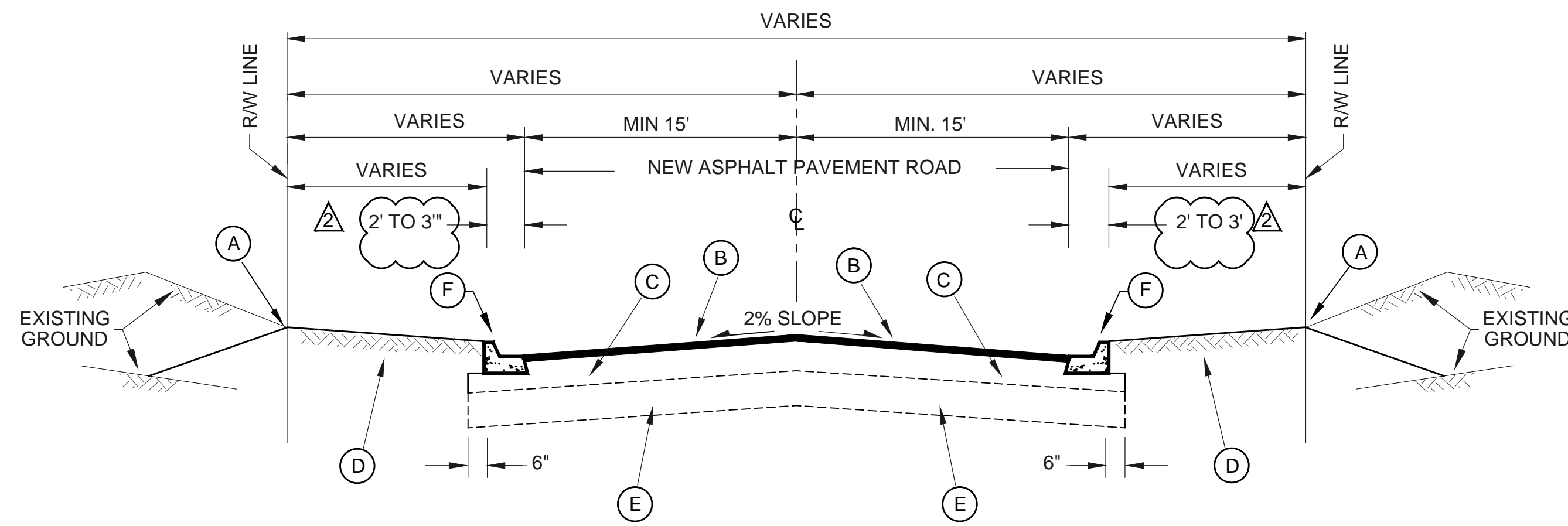
REVISIONS		
DATE	DATE	DRAWN BY
07-02-10		P.D.K.
01-26-12		R.G./B.J.F.

DATE	6/30/2009
JOB No.	MED4607
DESIGN BY	B.J.F.
DRAWN BY	B.J.F.
CHECKED BY	D.M.S.

DRAWING No. **C-18**

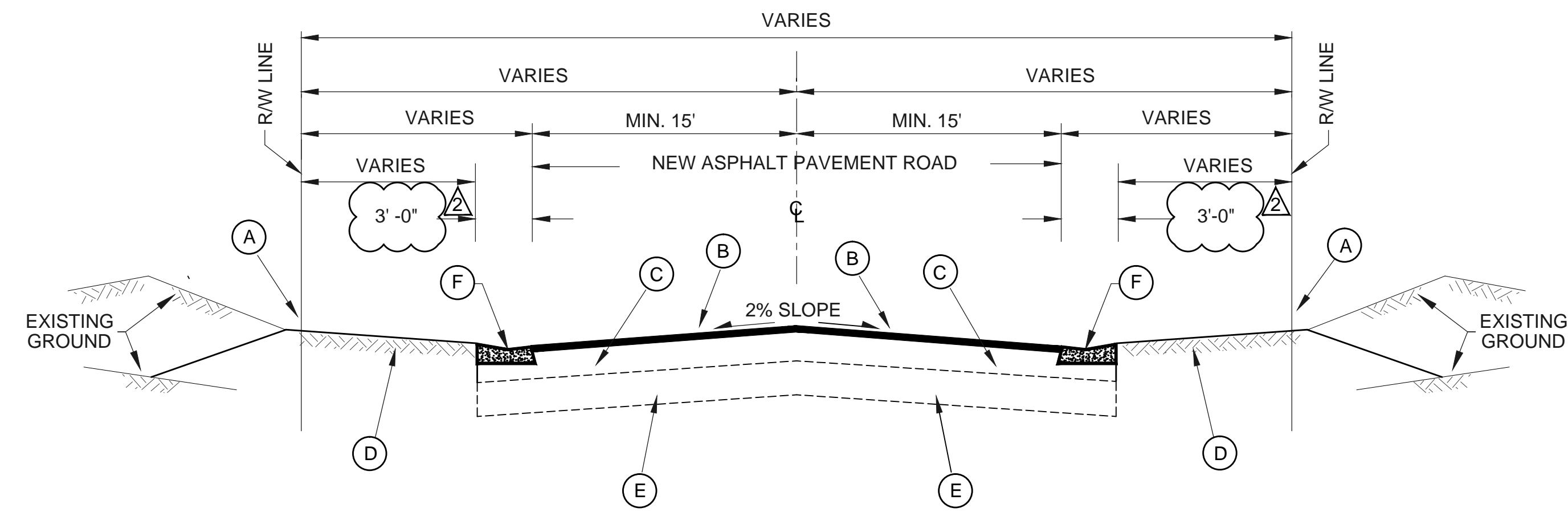
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ROADWAY SECTIONS
FLOOD MITIGATION AREA
MEDLEY, FL



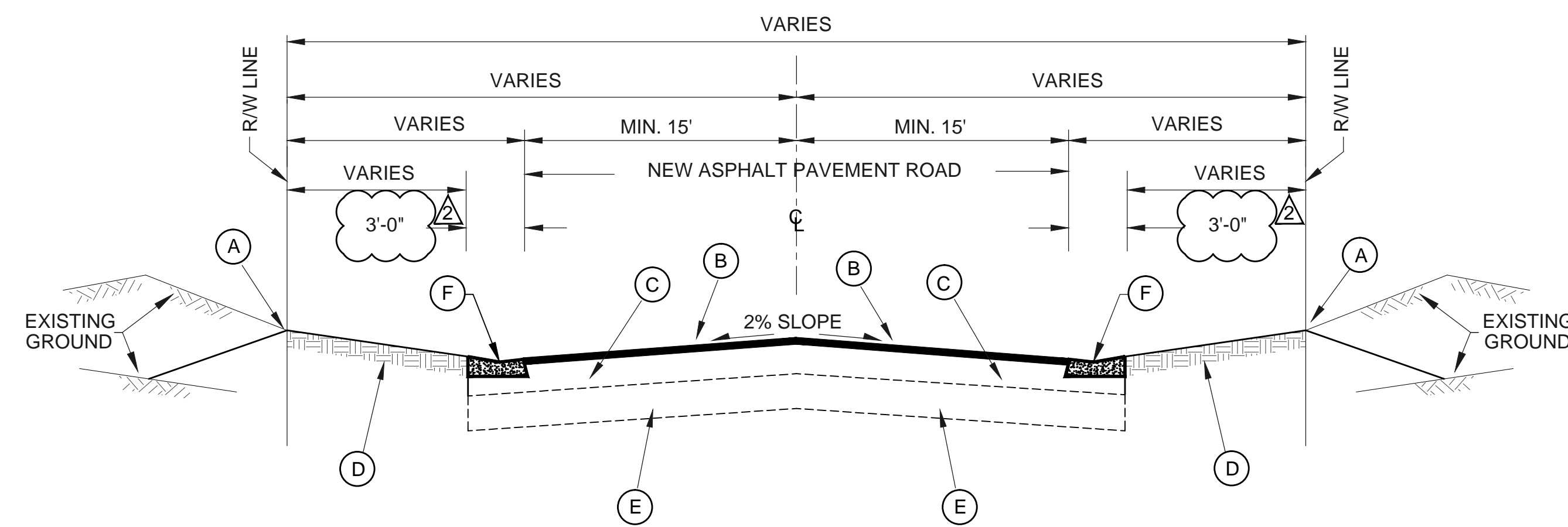
- (A) RIGHT-OF-WAY LINE
- (B) NEW SP-9.5 TRAFFIC LEVEL C ASPHALTIC CONCRETE IN TWO LIFTS (1) 2" THICK STRUCTURAL COURSE AND (1) 1.5" THICK WEARING COURSE
- (C) NEW 10" THICK LIMEROCK BASE
- (D) NEW SOD, MIN. 0.5% SLOPE TOWARD PAVEMENT
- (E) NEW 12" THICK STABILIZED SUBGRADE
- (F) NEW 6" CURB & GUTTER AS SHOWN OR VALLEY GUTTER

1
C-6 ASPHALT ROADWAY PAVEMENT SECTION



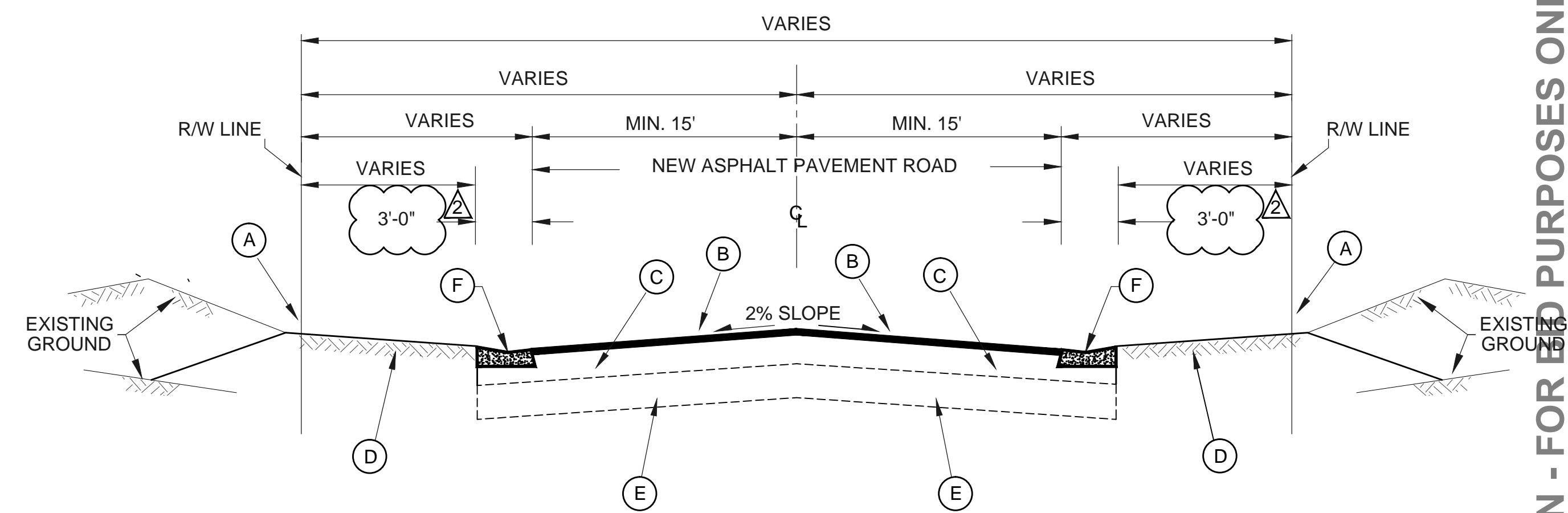
- (A) RIGHT-OF-WAY LINE
- (B) NEW SP-9.5 TRAFFIC LEVEL C ASPHALTIC CONCRETE IN TWO LIFTS (1) 1" THICK STRUCTURAL COURSE AND (1) 1" THICK WEARING COURSE
- (C) NEW 6" THICK LIMEROCK BASE
- (D) MATCH EXISTING PAVEMENT
- (E) NEW 12" THICK STABILIZED SUBGRADE
- (F) NEW VALLEY GUTTER AS SHOWN

2
C-7 ASPHALT ROADWAY PAVEMENT SECTION



- (A) RIGHT-OF-WAY LINE
- (B) NEW SP-9.5 TRAFFIC LEVEL C ASPHALTIC CONCRETE IN TWO LIFTS (1) 1.5" THICK STRUCTURAL COURSE AND (1) 1.5" THICK WEARING COURSE
- (C) NEW 10" THICK LIMEROCK BASE
- (D) MATCH EXISTING PAVEMENT
- (E) NEW 12" THICK STABILIZED SUBGRADE
- (F) NEW VALLEY GUTTER AS SHOWN

3
C-9 ASPHALT ROADWAY PAVEMENT SECTION



- (A) RIGHT-OF-WAY LINE
- (B) NEW SP-9.5 TRAFFIC LEVEL C ASPHALTIC CONCRETE IN TWO LIFTS (1) 2" THICK STRUCTURAL COURSE AND (1) 1.5" THICK WEARING COURSE
- (C) NEW 10" THICK LIMEROCK BASE
- (D) MATCH EXISTING PAVEMENT
- (E) NEW 12" THICK STABILIZED SUBGRADE
- (F) NEW VALLEY GUTTER AS SHOWN

4
C-10 ASPHALT ROADWAY PAVEMENT SECTION

NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY

SEAL

DIANA M. SANTANDER, P.E.
FL # 65854

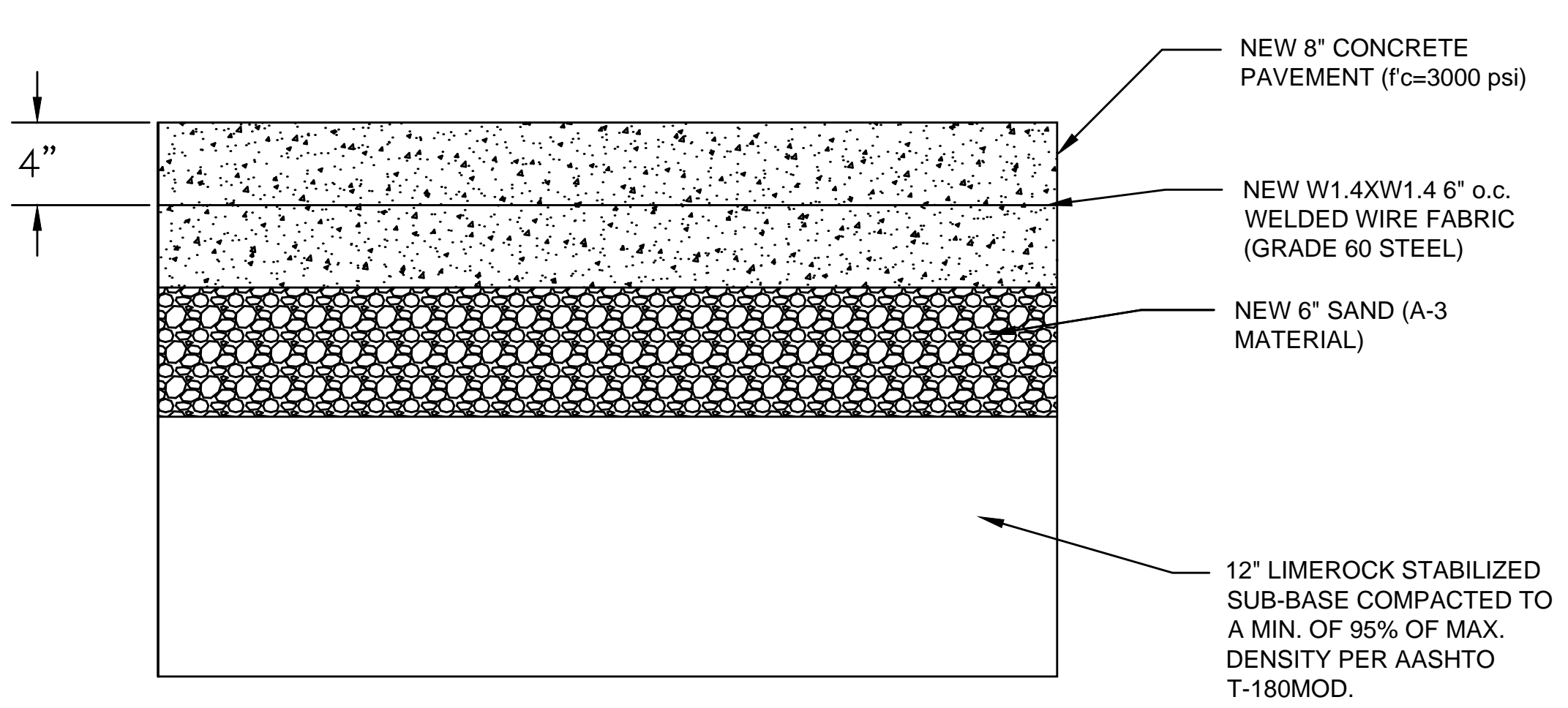
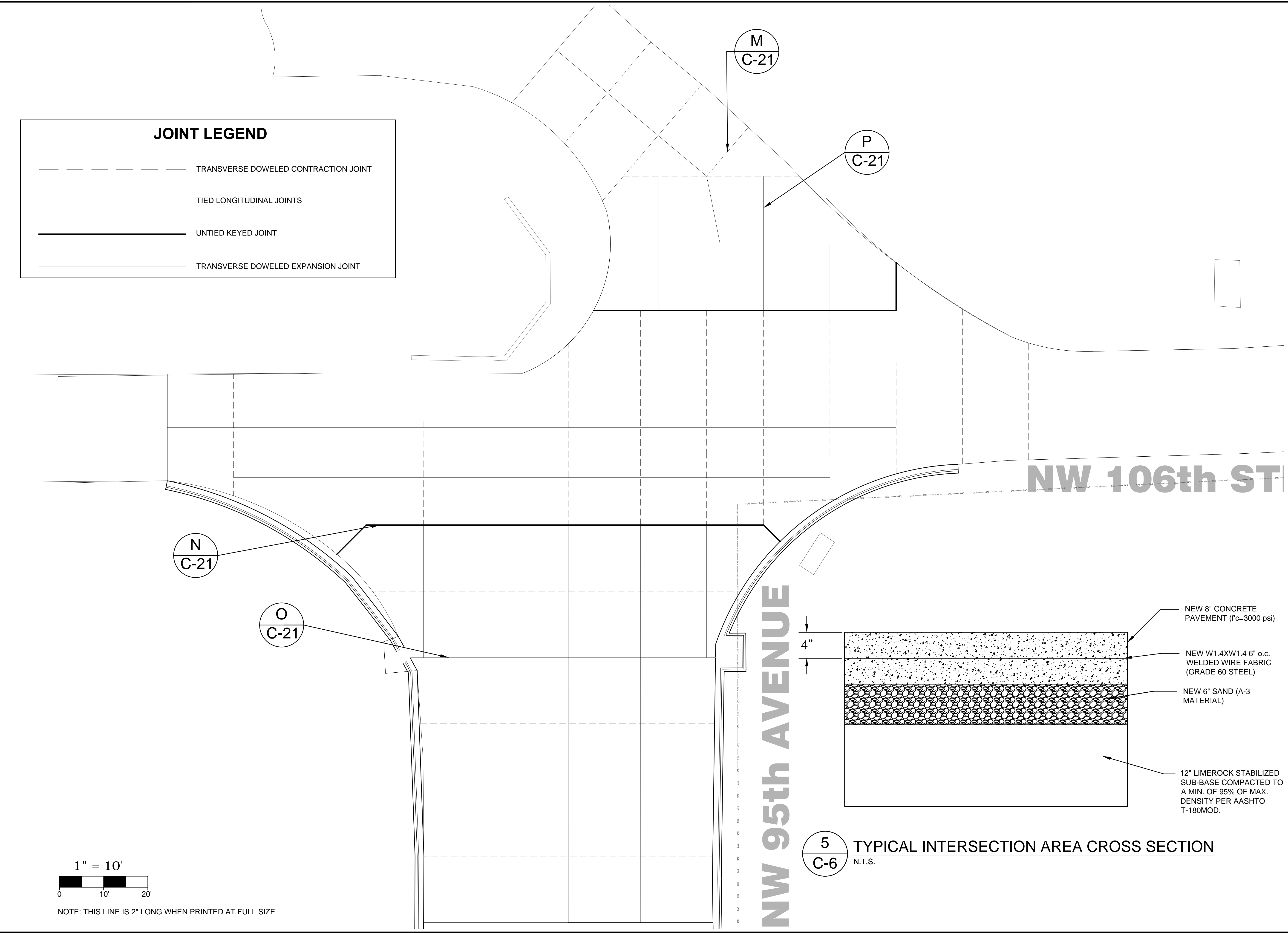
REVISIONS		
NO.	DATE	DRAWN BY
1	07-02-10	P.D.K.
2	01-26-12	R.G./B.J.F.

DATE 6/30/2009
JOB No. MED4607
DESIGN BY B.J.F.
DRAWN BY B.J.F.
CHECKED BY D.M.S.

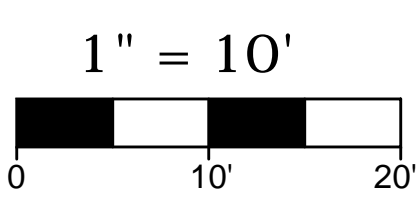
DRAWING No. C-19
SHEET No.

JOINT LEGEND

- TRANSVERSE DOWELED CONTRACTION JOINT
- TIED LONGITUDINAL JOINTS
- UNTIED KEYED JOINT
- TRANSVERSE DOWELED EXPANSION JOINT



5 TYPICAL INTERSECTION AREA CROSS SECTION
C-6 N.T.S.



NOTE: THIS LINE IS 2" LONG WHEN PRINTED AT FULL SIZE

CONCRETE INTERSECTION

FLOOD MITIGATION AREA
MEDLEY, FL

NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY

SEAL

DIANA M. SANTANDER, P.E.
FL # 65854

REVISIONS		
DATE	DRAWN BY	
07-02-10	P.D.K.	
01-26-12	R.G./B.J.F.	

DATE	6/30/2009
JOB No.	MED4607
DESIGN BY	B.J.F.
DRAWN BY	B.J.F.
CHECKED BY	D.M.S.

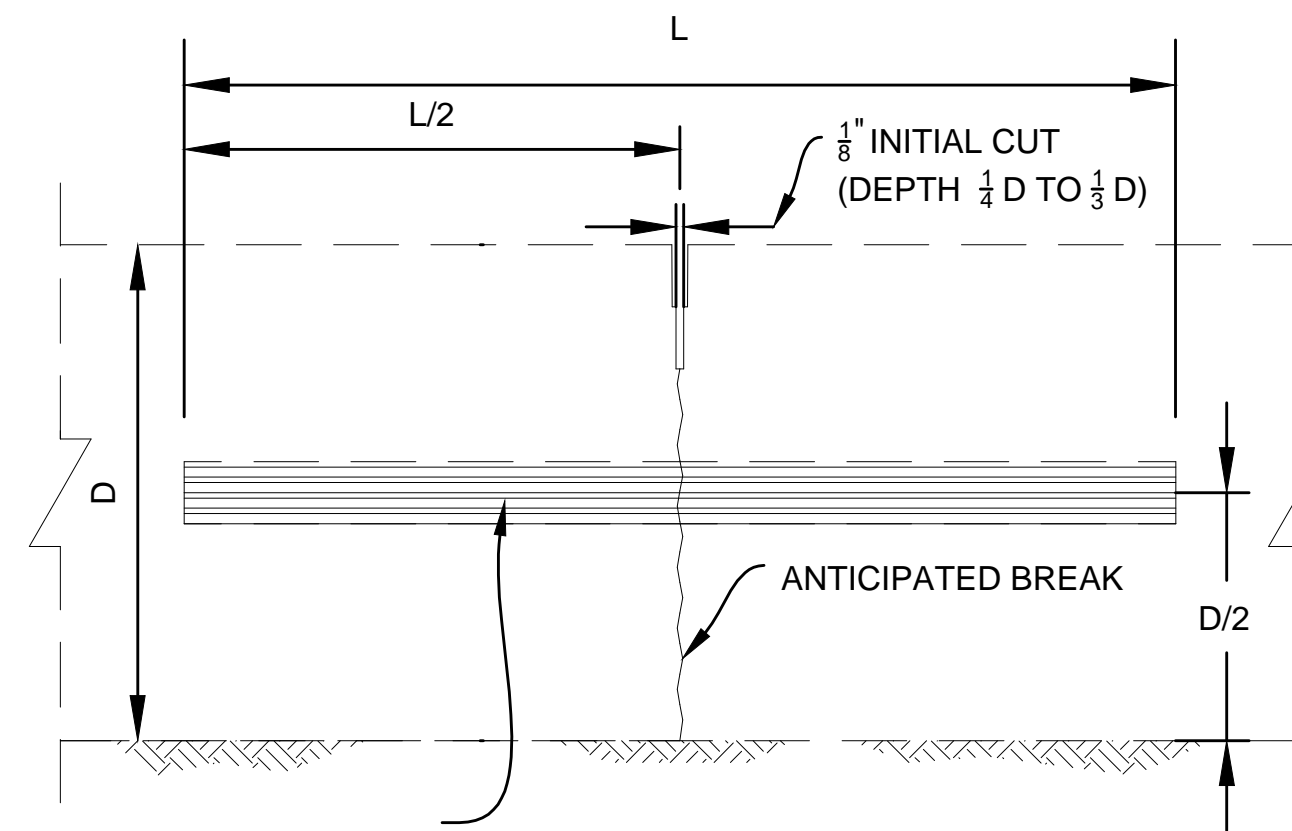
DRAWING No. **C-20**

SHEET No.
29 OF **36** SHEETS

CONCRETE PAVEMENT DETAILS

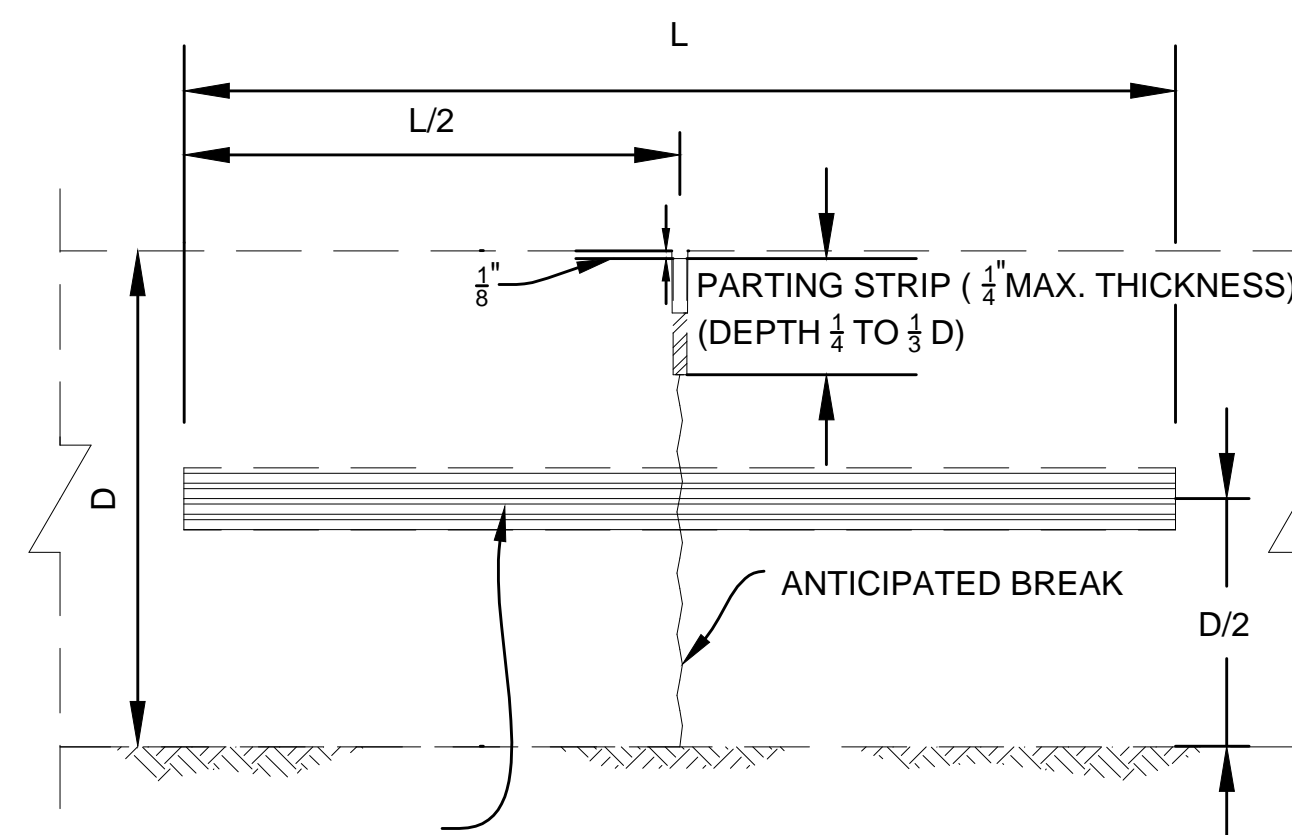
FLOOD MITIGATION AREA
MEDLEY, FL

NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY



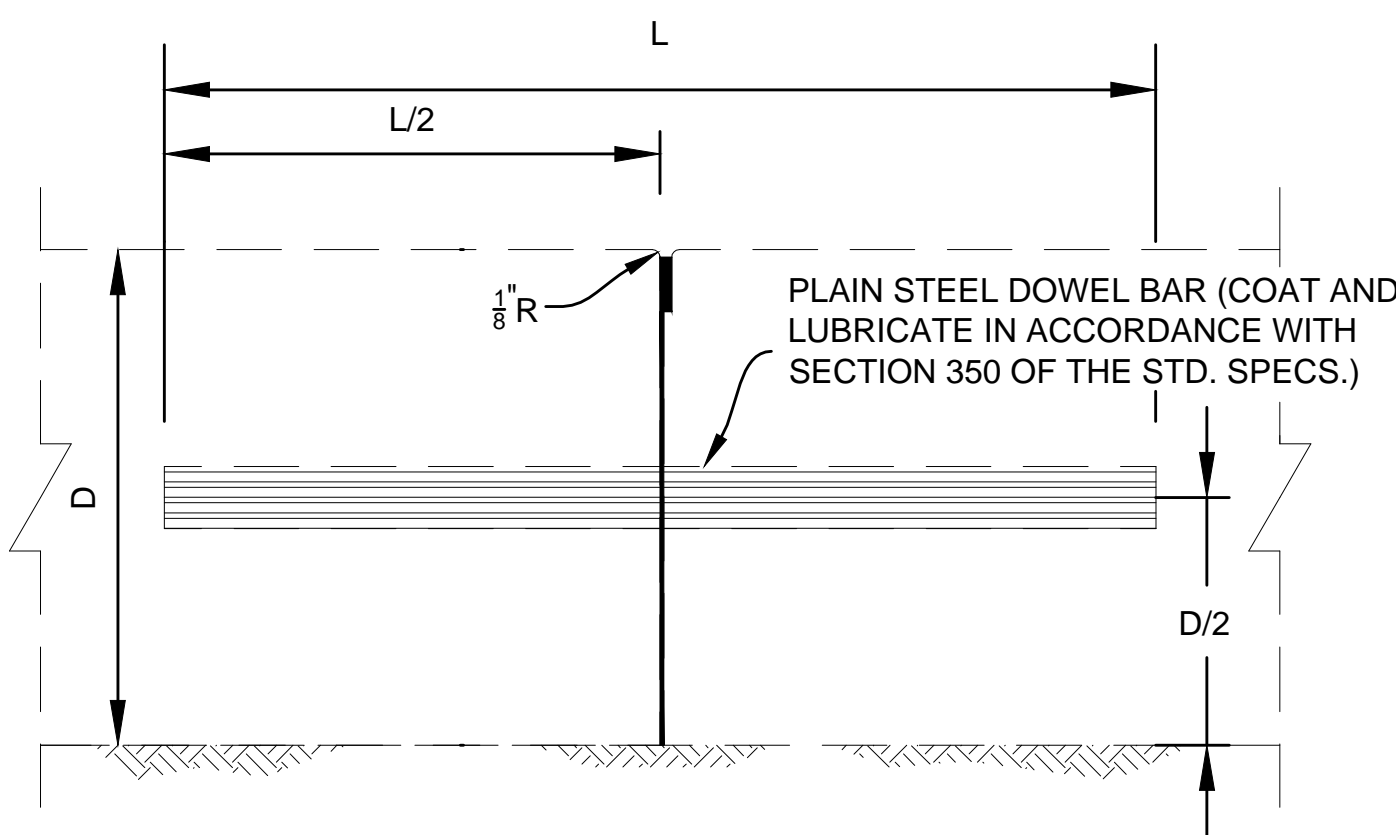
PLAIN STEEL DOWEL BAR (COAT AND LUBRICATE IN ACCORDANCE WITH SECTION 350 OF THE STD. SPECS.)

SAWED METHOD



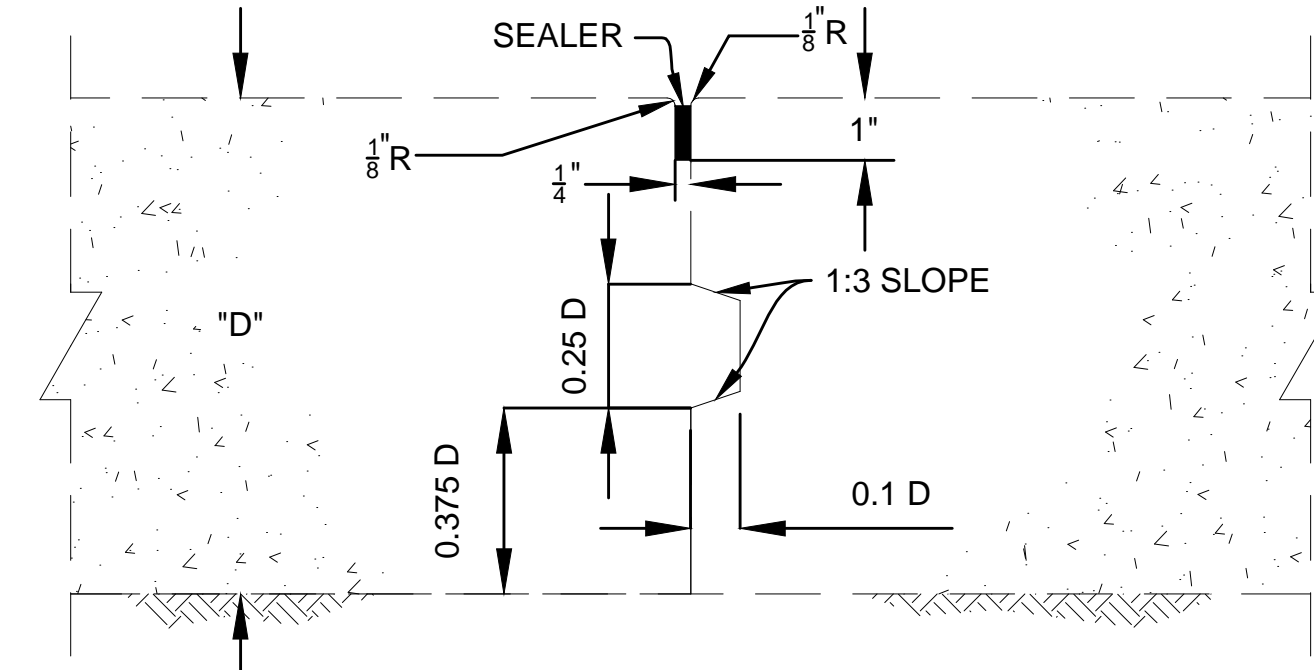
PLAIN STEEL DOWEL BAR (COAT AND LUBRICATE IN ACCORDANCE WITH SECTION 350 OF THE STD. SPECS.)

VIBRO CAST METHOD

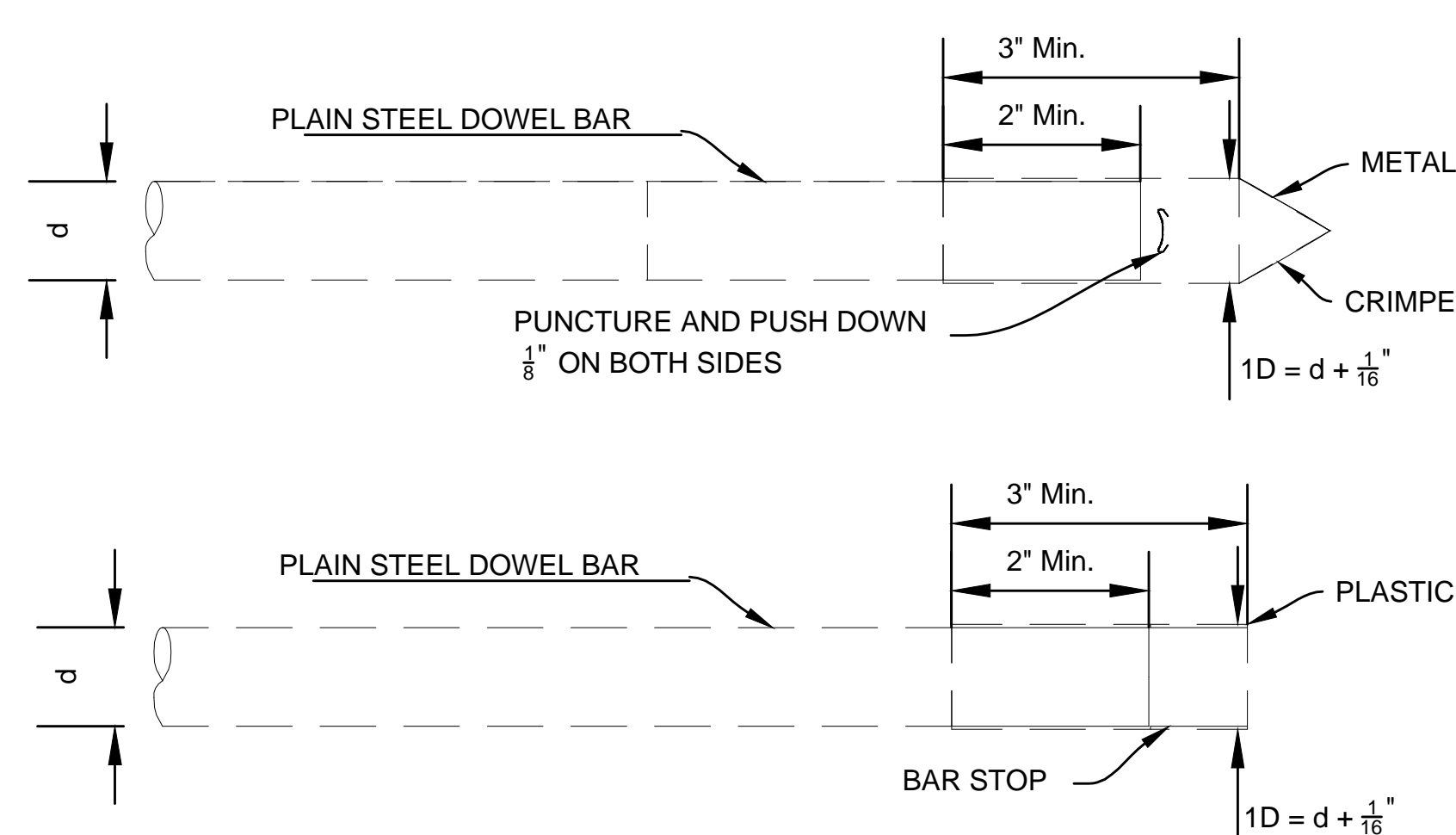


BUTT CONSTRUCTION JOINT TO BE USED AT DISCONTINUANCES OF WORK

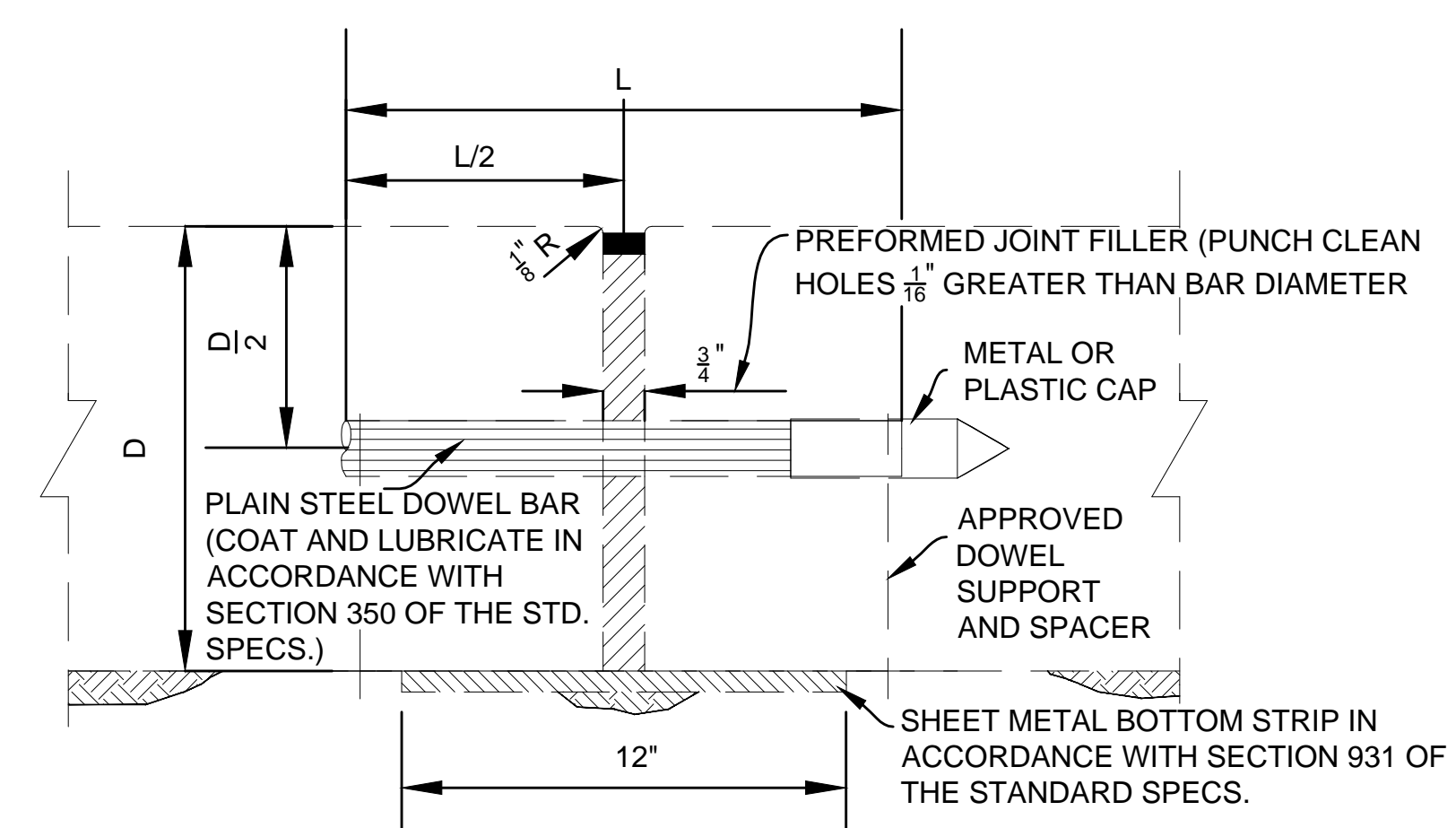
M
C-20
TRANSVERSE DOWELED CONTRACTION JOINTS
N.T.S.



N
C-20
UNTIED KEYED JOINT
N.T.S.

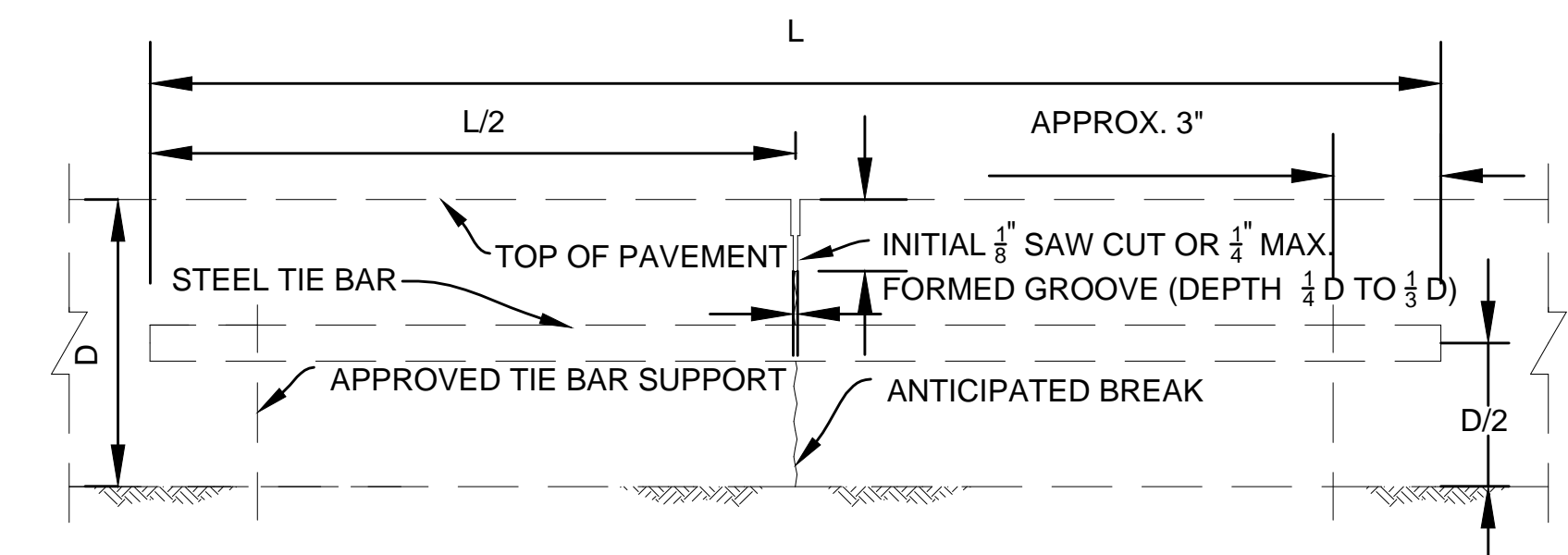


METAL OR PLASTIC CAPS FOR DOWEL BARS

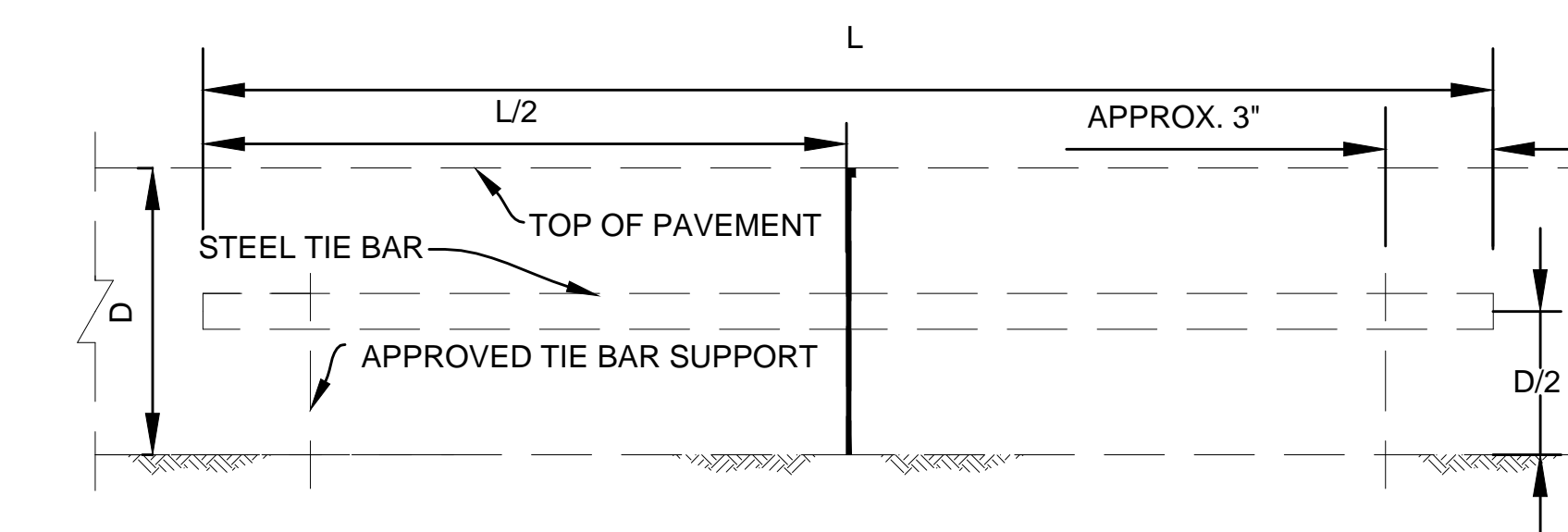


TRANSVERSE EXPANSION JOINT DETAIL

O
C-20
TRANSVERSE EXPANSION JOINT
N.T.S.



LONGITUDINAL LANE-TIE JOINT



LONGITUDINAL BUTT CONSTRUCTION JOINT*
***SEE NOTE #5**

P
C-20
LONGITUDINAL JOINTS
N.T.S.

MAXIMUM TIE BAR SPACING					
DISTANCE TO CLOSEST FREE EDGE					
12'-0"		24'-0"		>24'-0"	
#4 BARS LENGTH 25"	#5 BARS LENGTH 30"	#4 BARS LENGTH 25"	#5 BARS LENGTH 30"	#4 BARS LENGTH 25"	#5 BARS LENGTH 30"
24"	38"	19"	31"	24"	38"

- NOTES:**
- DOWELS ARE REQUIRED AT ALL TRANSVERSE JOINTS UNLESS OTHERWISE NOTED IN PLANS.
 - DOWEL BARS ARE 1" DIAMETER AND ARE TO BE SPACED AT 12" ON CENTER WITH 3" TO 9" OF COVER FROM THE EDGE OF PAVEMENT.
 - AT TRANSVERSE EXPANSION JOINTS, SHEET METAL BOTTOM STRIP SHALL BE BENT UP AGAINST END OF PAVEMENT AFTER FORMS ARE REMOVED.
 - AT LONGITUDINAL LANE-TIE JOINTS, TIE BARS MAY BE INSERTED IN THE PLASTIC CONCRETE BY MEANS APPROVED BY THE ENGINEER
 - AT LONGITUDINAL BUTT CONSTRUCTION JOINTS, TIE BAR SPACING SHALL NOT EXCEED 24".
 - JOINTS SHALL BE SEALED IN ACCORDANCE WITH SHEET 2 OF INDEX 305 OF THE FDOT DESIGN STANDARDS.

SEAL

DIANA M. SANTANDER, P.E.
FL # 65854

REVISIONS		
DATE	DATE	DRAWN BY
07-02-10		P.D.K.
01-26-12		R.G./B.J.F.

DATE	6/30/2009
JOB No.	MED4607
DESIGN BY	B.J.F.
DRAWN BY	B.J.F.
CHECKED BY	D.M.S.

DRAWING No.	C-21
SHEET No.	

STRUCTURE TABLE
FLOOD MITIGATION AREA
MEDLEY, FL

STRUCTURE	TYPE	INSIDE DIM.	RIM ELEV.	PIPE INVERTS				LOCATION (X,Y)*	BOTTOM	BAFFLE
				W	N	E	S			
S-1	P-5	42"	6.44	-	-	3.13	0.32	(1.5, -0.3)	-1.68	-
S-2	P-10	42"	6.38	3.13	-	-	1.59	(76.5, 0.7)	-0.41	-
S-3	P-7T	42"	6.90	-	1.59	-	3.00	(77.1, -112.0)	-1.91	S
S-4	D-3	36"	6.07	-	0.32	-	-	(4.3, -163.0)	-1.68	-
S-5	P-10	42"	6.70	-	3.00	-	1.60	(77.4, -162.0)	-1.90	N
S-6	P-7T	42"	7.17	-	1.60	-	3.00	(77.0, -365.5)	-1.90	S
S-7	P-10	42"	6.85	3.35	3.00	-	-	(119.3, -453.2)	-0.50	N
S-8	P-10	42"	6.60	-	-	3.35	3.00	(83.9, -480.1)	1.00	-
S-9	J-10	42"	6.11	-	3.00	2.85	3.00	(152.1, -552.5)	-0.65	S
S-10	D-3	36"	6.10	2.85	-	-	-	(179.7, -518.2)	0.85	-
S-11	P-10	42"	6.36	-	3.00	-	3.00	(211.8, -600.9)	-0.50	N
S-12	D-3	36"	7.70	-	3.00	-	3.00	(266.9, 650.7)	1.00	-
S-13	D-3	36"	7.90	-	3.00	-	3.00	(313.2, -712.8)	1.00	-
S-14	P-10	48"	7.50	-	3.00	-0.50	1.83	(353.1, -800.1)	-2.50	-
S-15	P-5	42"	7.37	-	-	-	4.12	(384.8, -733.0)	2.12	-
S-16	P-7T	60"	7.54	-0.50	4.12	2.01	-	(401.2, -769.4)	-2.50	-
S-17	D-3	36"	7.70	-	1.83	-	3.00	(361.9, -863.1)	-0.17	-
S-18	P-7T	42"	7.10	-	3.00	-	3.00	(366.5, -1020.5)	-0.50	S
S-19	J-10	48"	6.28	-	3.00	2.84	3.00	(368.0, -1070.5)	-0.66	N
S-20	D-3	36"	6.09	2.84	-	-	-	(412.0, -1069.8)	0.84	-
S-21	D-3	36"	7.20	-	3.00	-	3.00	(364.7, -1133.7)	0.93	-
S-22	P-7T	48"	7.30	-	3.00	0.67	-	(350.0, -1212.9)	-1.33	-
S-23	P-10	42"	6.33	-	-	0.93	3.00	(-3.4, -0.2)	-3.07	-
S-24	D-3	36"	6.18	0.93	-	-	-	(40.6, 1.4)	-3.07	-
S-25	P-7T	42"	7.60	-	3.00	-	3.00	(2.0, -205.8)	-0.50	S
S-26	P-7T	42"	7.50	-	3.00	0.22	-	(3.3, -255.8)	-3.28	N
S-27	P-10	42"	6.09	-	-	2.84	3.00	(-12.8, -526.0)	0.84	-
S-28	D-3	36"	6.17	2.84	-	-	-	(30.9, -530.8)	-1.75	-
S-29	D-3	36"	7.00	-	3.00	-	3.00	(-15.4, -555.2)	1.00	-
S-30	P-7T	42"	7.80	-	3.00	0.25	3.00	(-11.2, -782.8)	-3.25	S
S-31	D-3	36"	7.40	-	3.00	-	3.00	(-8.6, -882.8)	-0.50	N
S-32	P-10	42"	6.17	-	3.00	2.89	-	(-5.2, -1013.4)	0.89	-
S-33	D-3	36"	6.14	2.89	-	-	-	(38.8, -1012.0)	0.89	-
S-34	P-10	42"	7.80	2.01	-	2.17	-	(33.6, -23.5)	0.01	-
S-35	P-7T	42"	7.70	2.17	-	3.00	-	(111.8, -22.0)	-1.33	E
S-36	P-7T	42"	7.20	3.00	-	0.58	-	(192.6, -20.5)	-2.92	W
S-37	J-10	60"	6.11	0.58	-0.62	-	-	(275.7, -19.0)	-2.62	-
S-38	J-10	60"	6.09	-	-	0.56	-0.62	(276.1, 23.4)	-2.62	-
S-39	P-7T	42"	6.80	0.56	-	3.00	-	(293.3, 23.5)	-2.94	E
S-40	P-7T	42"	7.30	3.00	-	1.77	-	(396.1, 24.4)	-0.50	-
S-41	P-7T	42"	7.30	1.77	-	3.00	-	(425.4, 24.6)	-0.50	-
S-42	D-3	36"	7.92	3.00	-	-	-	(545.4, 25.6)	1.00	-
S-43	P-10	42"	6.17	0.67	-	3.00	-	(0.3, 24.2)	-2.83	E
S-44	D-3	36"	6.29	-	-	3.00	-	(2.5, -14.9)	1.00	-
S-45	P-10	42"	6.56	3.00	3.11	-	-	(61.7, -14.5)	1.00	-
S-46	P-10	42"	6.36	3.00	-	3.00	3.11	(61.3, 24.9)	-0.50	W
S-47	P-10	42"	7.00	3.00	-	3.00	-	(230.5, 26.7)	-0.50	E
S-48	P-10	42"	6.45	3.00	-	3.00	3.16	(460.6, 29.3)	-0.50	W
S-49	D-3	36"	6.41	-	3.16	-	-	(461.5, -10.0)	1.16	-
S-50	P-10	42"	6.69	3.00	-	1.73	-	(669.5, 31.4)	-0.27	-
S-51	P-10	42"	6.51	1.73	-	3.00	-	(849.0, 33.2)	-1.77	E
S-52	P-10	42"	6.55	3.00	-	-	-0.85	(916.0, 33.9)	-4.35	W
S-53	D-3	36"	6.40	-	-0.85	-	-	(926.2, -5.4)	-2.85	-
S-54	J-10	60"	6.22	0.22	-	-	-2.28	(51.3, 20.8)	-4.28	-
S-55	J-10	60"	6.31	-	-2.28	0.14	-	(51.2, -18.8)	-4.28	-
S-56	P-10	42"	7.14	0.14	-	3.00	-	(251.2, -16.4)	-1.86	-
S-57	P-10	42"	7.17	3.00	-	0.20	-	(418.2, -14.4)	-1.80	-
S-58	D-3	36"	6.14	-	-	-	2.89	(619.8, 26.4)	0.89	-
S-59	J-10	48"	6.26	0.20	2.89	0.09	-	(618.2, -12.0)	-1.91	-
S-60	P-10	42"	7.15	0.09	-	3.00	-	(818.2, -10.1)	-3.41	E
S-61	P-10	42"	7.43	3.00	-	1.56	-	(938.2, -9.0)	-1.94	W
S-62	D-3	36"	6.98	1.56	-	1.57	-	(1035.5, -8.1)	-0.44	-
S-63	D-3	36"	6.36	-	-	-	3.00	(1234.7, 34.3)	1.00	-
S-64	P-10	42"	6.35	1.57	3.00	-	-	(1235.5, -6.2)	-0.43	-
S-65	D-3	36"	7.50	0.25	-	0.73	-	(31.3, 22.4)	-1.75	-
S-66	P-10	42"	6.15	0.73	-	2.09**	-1.17	(181.5, 16.8)	-4.67	E
S-67	P-10	42"	6.09	-	-1.17	2.89**	-	(182.3, -22.3)	-4.67	E
S-68	P-10	42"	6.09	2.89**	-	0.42	-	(234.6, -22.6)	-3.08	W
S-69	D-3	36"	6.81	0.42	-	0.75	-	(382.3, -25.3)	-1.58	-
S-70	D-3	36"	6.42	0.75	-	0.93	-	(569.5, -27.8)	-1.25	-
S-71	P-10	42"	6.35	0.93	-	2.67	-	(621.8, -28.5)	-2.57	E
S-72	P-10	42"	6.17	2.67	-	0.48	-	(721.8, -29.8)	-3.02	W
S-73	D-3	36"	6.17	-	-	-	2.90	(772.9, 10.7)	0.90	-
S-74	D-3	36"	6.15	0.48	2.90	-	-	(769.5, -30.4)	-1.52	-
S-75	P-10	42"	6.18	-	-	2.93	2.68	(-2.2, 1.5)	-0.82	S
S-76	D-3	36"	6.19	2.93	-	-	-	(31.8, -24.1)	0.93	-
S-77	P-10	42"	6.48	-	2.68	-	0.73	(-43.8, -41.7)	-2.77	N
S-78	D-3	36"	6.98	-	0.73	-	1.62	(-177.3, -180.4)	-1.27	-
S-79	J-10	60"	6.54	-	1.62	3.29	2.97	(-295.6, -304.8)	-0.38	-
S-80	J-10	48"	6.56	3.29	-	-	3.00	(-252.3, -316.2)	1.00	-
S-81	D-3	36"	6.23	-	3.00	-	-	(-277.8, -358.3)	1.00	-
S-82	D-3	36"	6.22	-	2.97	-	3.00	(-332.6, -336.9)	0.97	-
S-83	D-3	36"	6.29	-	3.00	-	-	(-338.2, -386.5)	1.00	-

* LOCATION COORDINATES ARE BASED UPON THE FOLLOWING POINTS (SEE DRAWINGS C-1 TO C-5):

- FOR STRUCTURES S-1 TO S-22 THE POINT (0,0) IS LOCATED AT THE CENTER OF THE EXISTING CATCH BASIN TO BE REMOVED NEAR STRUCTURE S-1.
- FOR STRUCTURES S-23 TO S-33 THE POINT (0,0) IS LOCATED AT THE CENTER OF THE EXISTING CATCH BASIN TO BE REMOVED NEAR STRUCTURE S-23.
- FOR THE STRUCTURES S-34 TO S-42 THE POINT (0,0) IS LOCATED AT THE CENTER OF THE EXISTING SANITARY SEWER MANHOLE LOCATED NORTHWEST OF STRUCTURE S-34.
- FOR THE STRUCTURES S-43 TO S-53 THE POINT (0,0) IS LOCATED AT THE CENTER OF THE EXISTING SANITARY SEWER MANHOLE SOUTH OF STRUCTURE S-43.
- FOR THE STRUCTURES S-54 TO S-64 THE POINT (0,0) IS LOCATED AT THE CENTER OF THE EXISTING SANITARY SEWER MANHOLE SOUTHWEST OF STRUCTURE S-54.
- FOR THE STRUCTURES S-65 TO S-74 THE POINT (0,0) IS LOCATED AT THE CENTER OF THE EXISTING SANITARY SEWER MANHOLE SOUTHWEST OF STRUCTURE S-65.
- FOR THE STRUCTURES S-75 TO S-83 THE POINT (0,0) IS LOCATED AT THE CENTER OF THE EXISTING CATCH BASIN TO BE REMOVED NEAR STRUCTURE S-75.

** THIS IS AN EXISTING INVERT, CONTRACTOR MUST VERIFY INVERT ELEVATION AND PIPE DIAMETER BEFORE STRUCTURE IS MANUFACTURED.

REVISION NOTES:

- THE FINAL LOCATIONS AND INVERT ELEVATIONS FOR THE STRUCTURES WILL BE PROVIDED BY THE ENGINEER TO THE SUCCESSFUL BIDDER PRIOR TO CONSTRUCTION. THIS TABLE IS PROVIDED FOR BID PURPOSES ONLY.

NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY

SEAL

DIANA M. SANTANDER, P.E.
FL # 65854

REVISIONS		
○	DATE	DRAWN BY
△	07-02-10	P.D.K.
△	01-26-12	R.G./B.J.F.

DATE 6/30/2009
JOB No. MED4607
DESIGN BY B.J.F.
DRAWN BY B.J.F.
CHECKED BY D.M.S.

DRAWING No. C-22
SHEET No. 31 OF 36 SHEETS

CONFLICT SECTIONS
FLOOD MITIGATION AREA
MEDLEY, FL

NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY

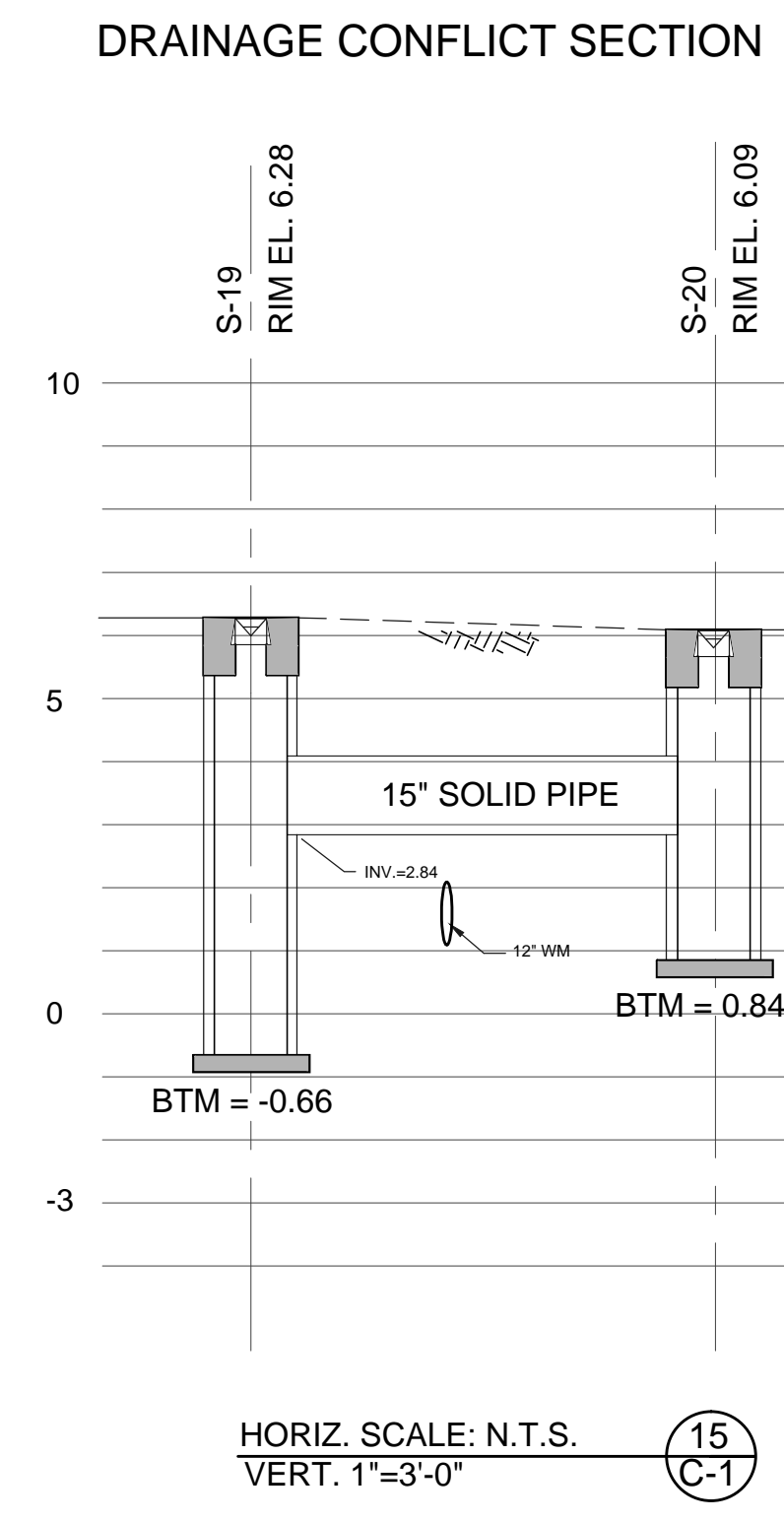
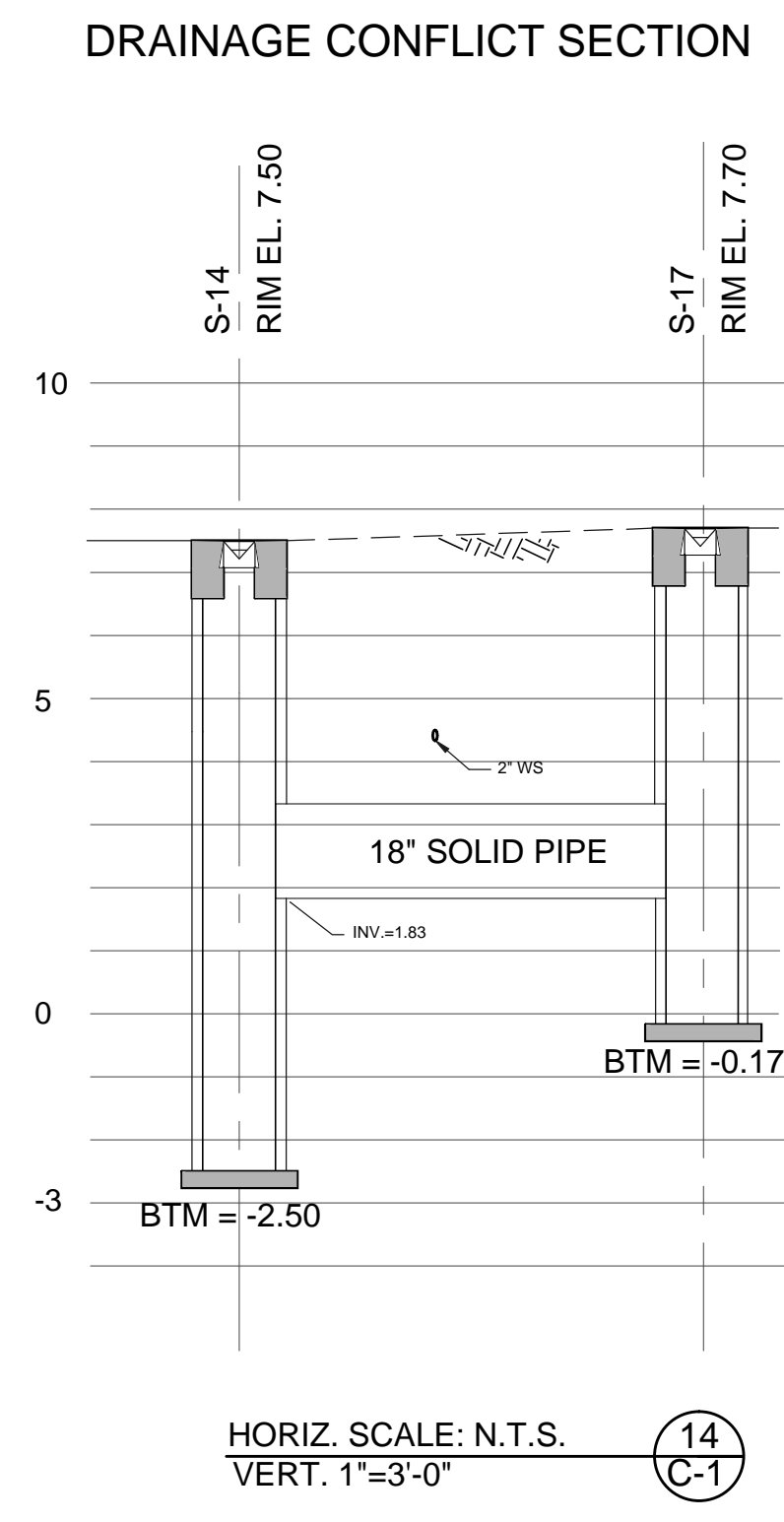
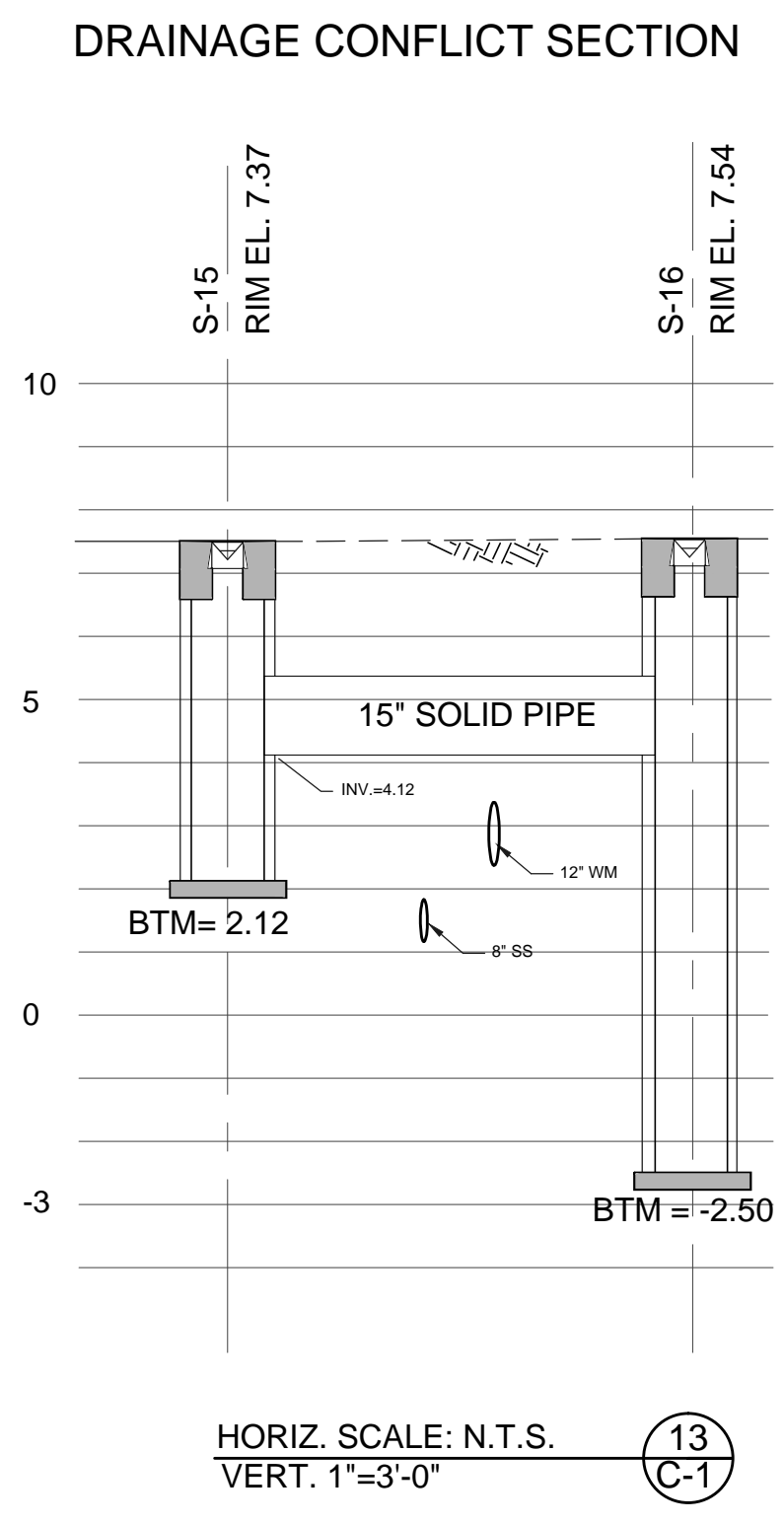
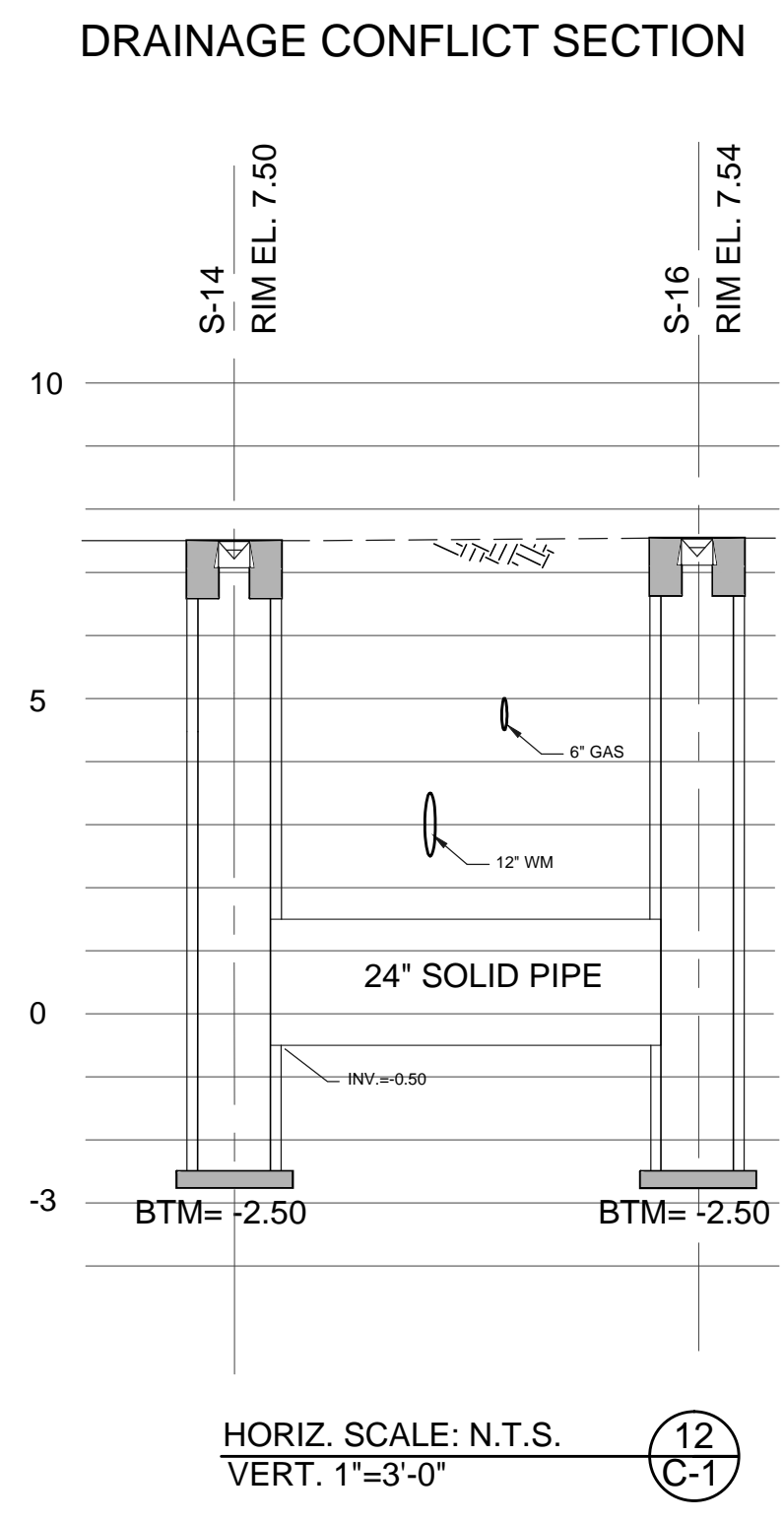
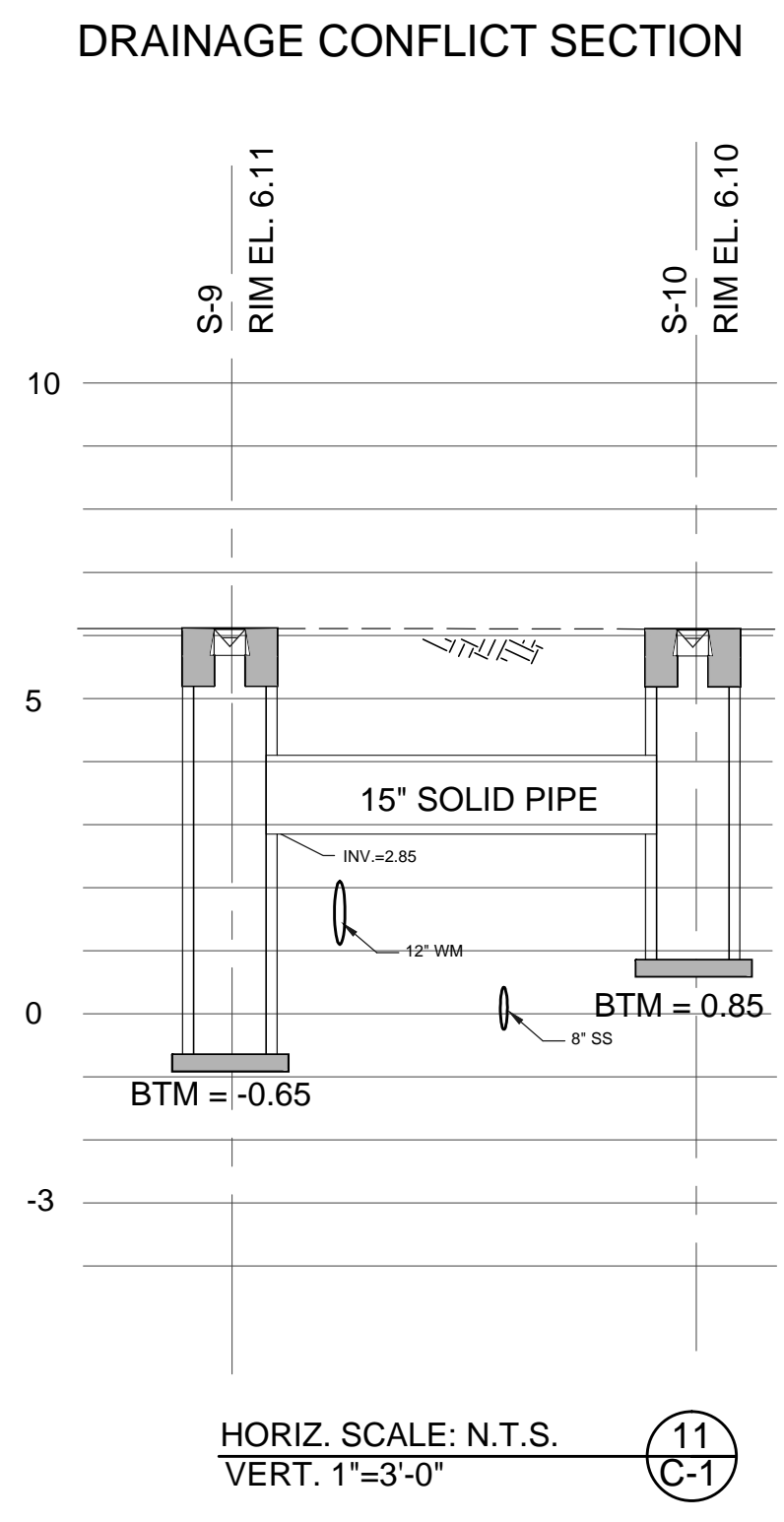
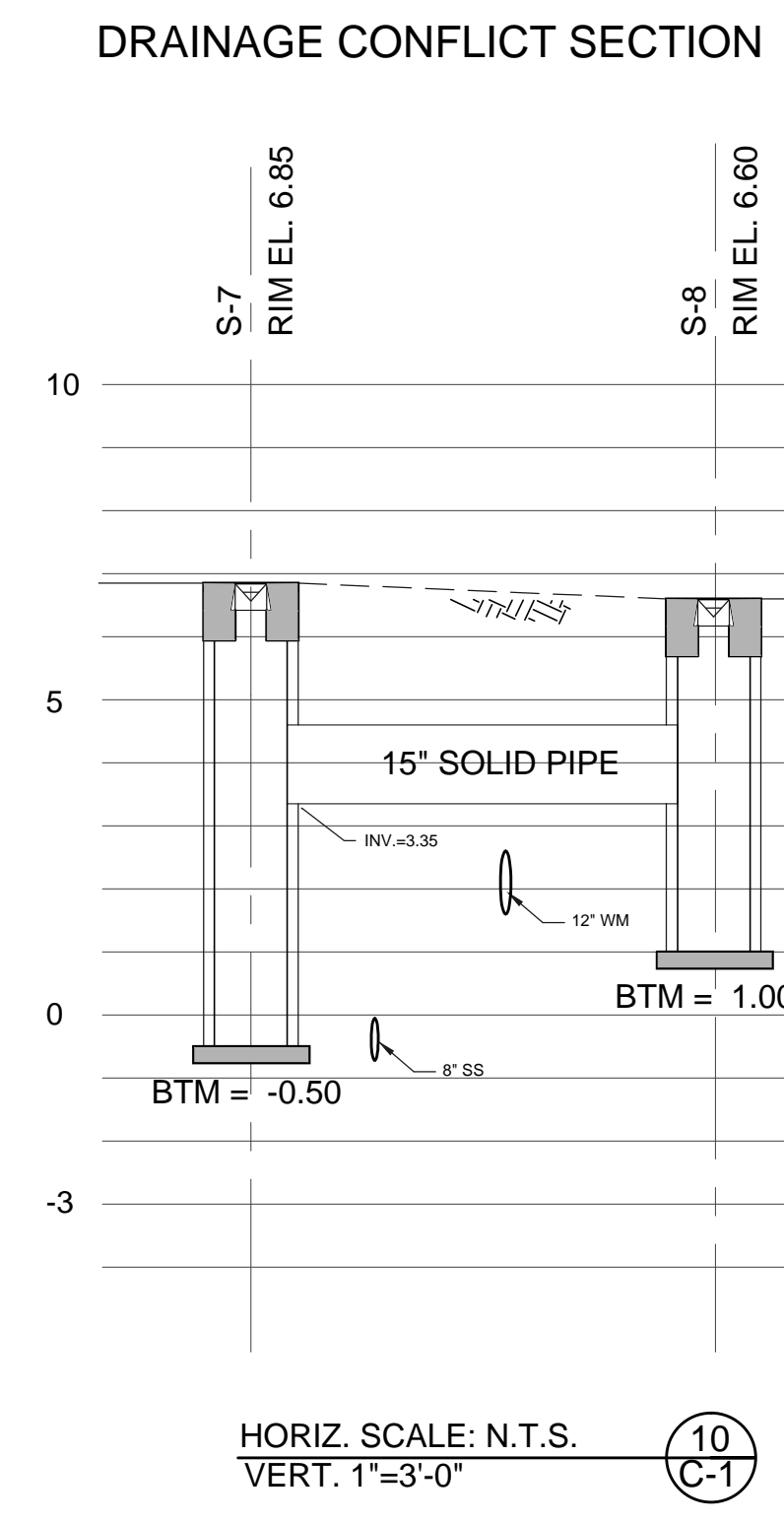
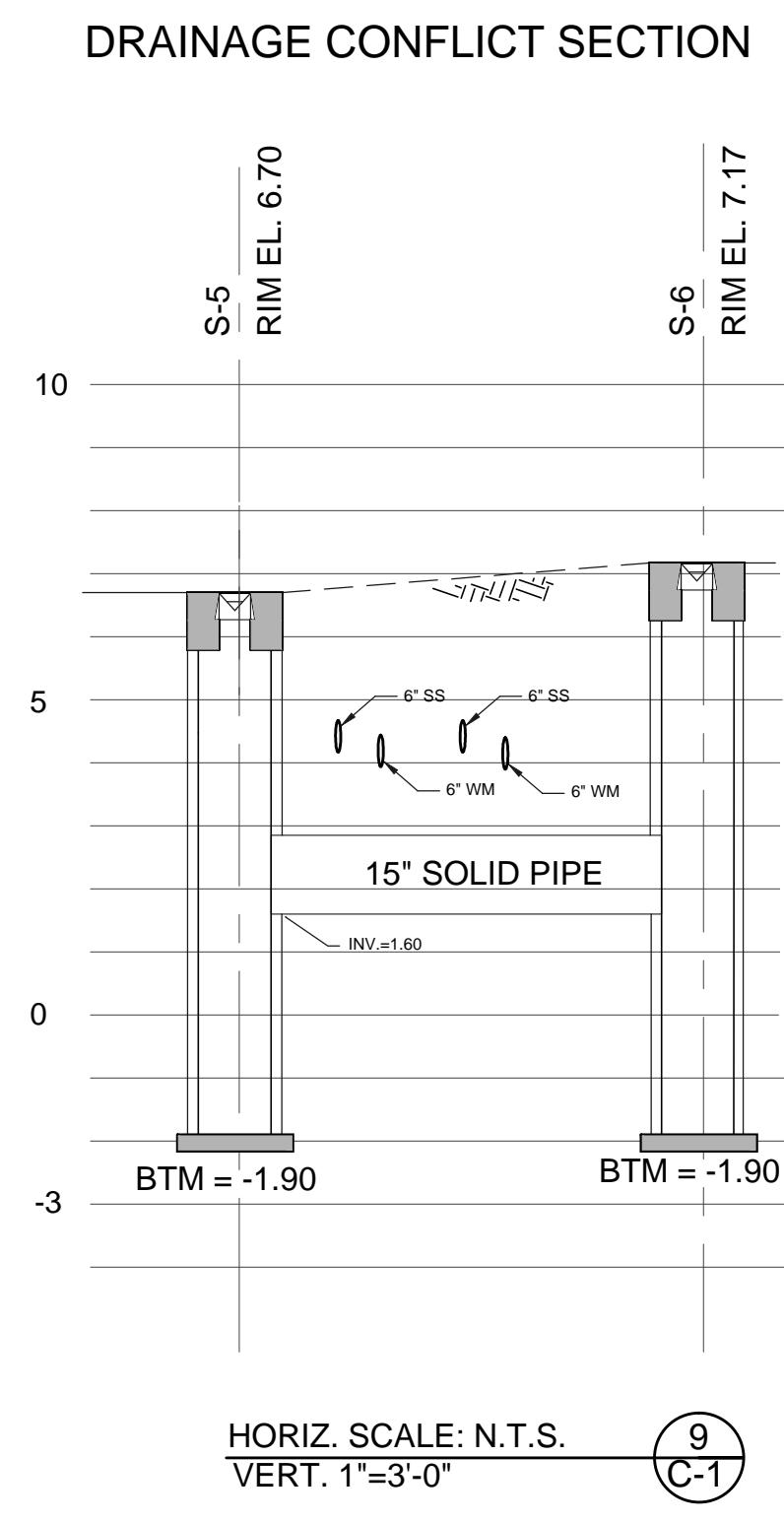
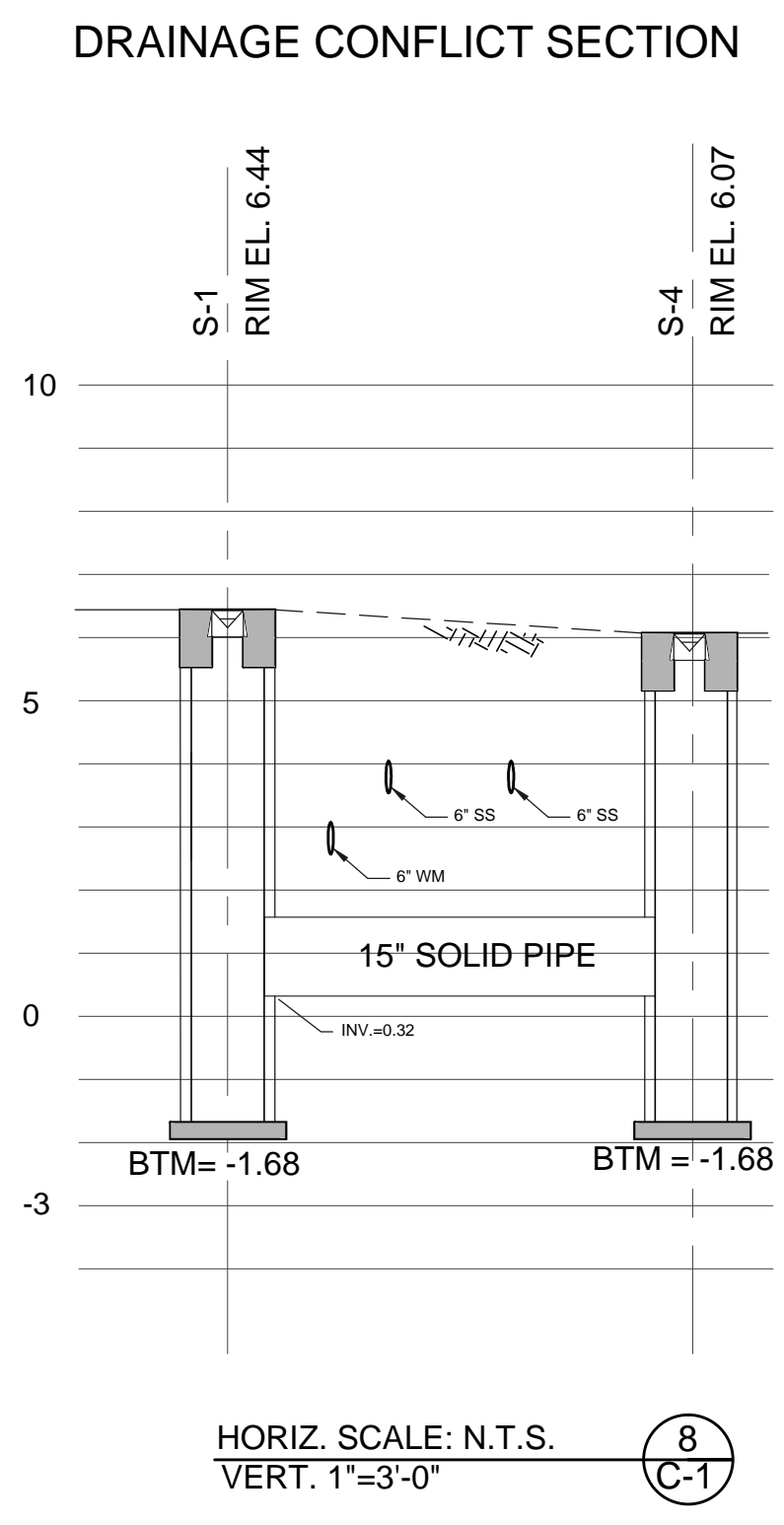
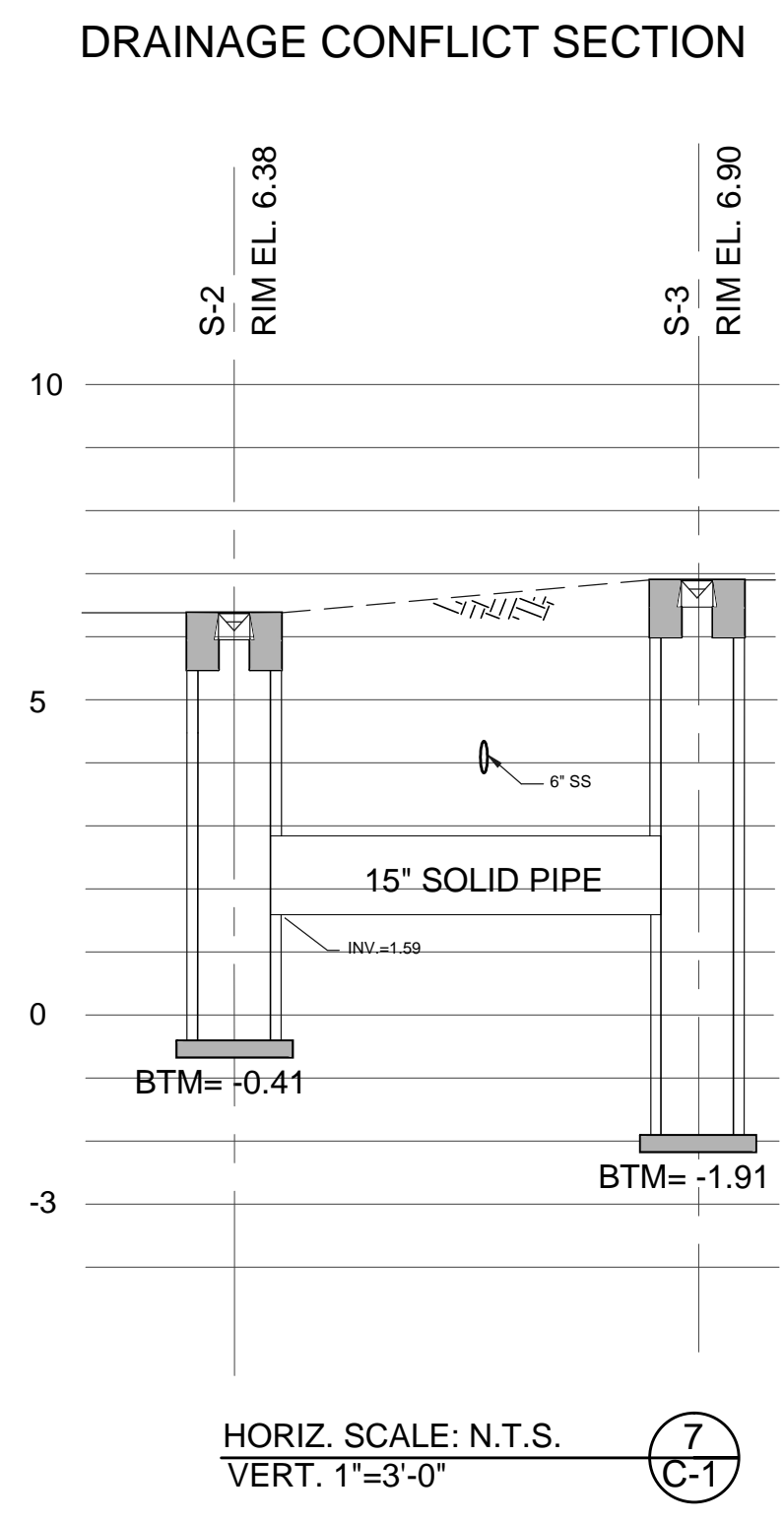
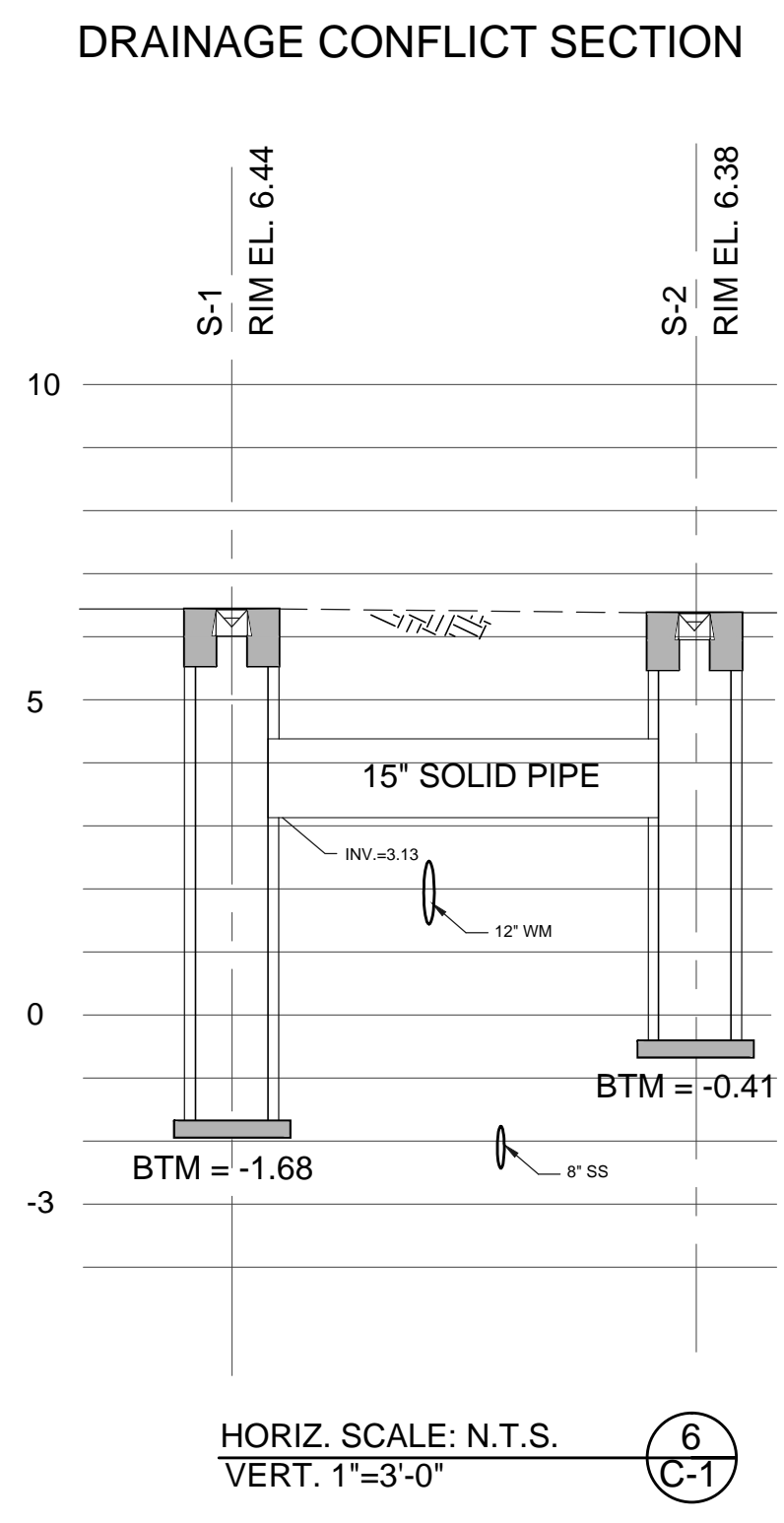
SEAL

DIANA SANTANDER, P.E.
 FL # 65854

REVISIONS		
○	DATE	DRAWN BY
○	07-02-10	P.D.K.
△	01-26-12	R.G./B.J.F.

DATE	6/30/2009
JOB No.	MED4607
DESIGN BY	B.J.F.
DRAWN BY	B.J.F.
CHECKED BY	D.M.S.

DRAWING No.	C-23
SHEET No.	



CONFLICT SECTIONS

**FLOOD MITIGATION AREA
MEDLEY, FL**

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DIANA SANTANDER, P.E.
FL # 65854

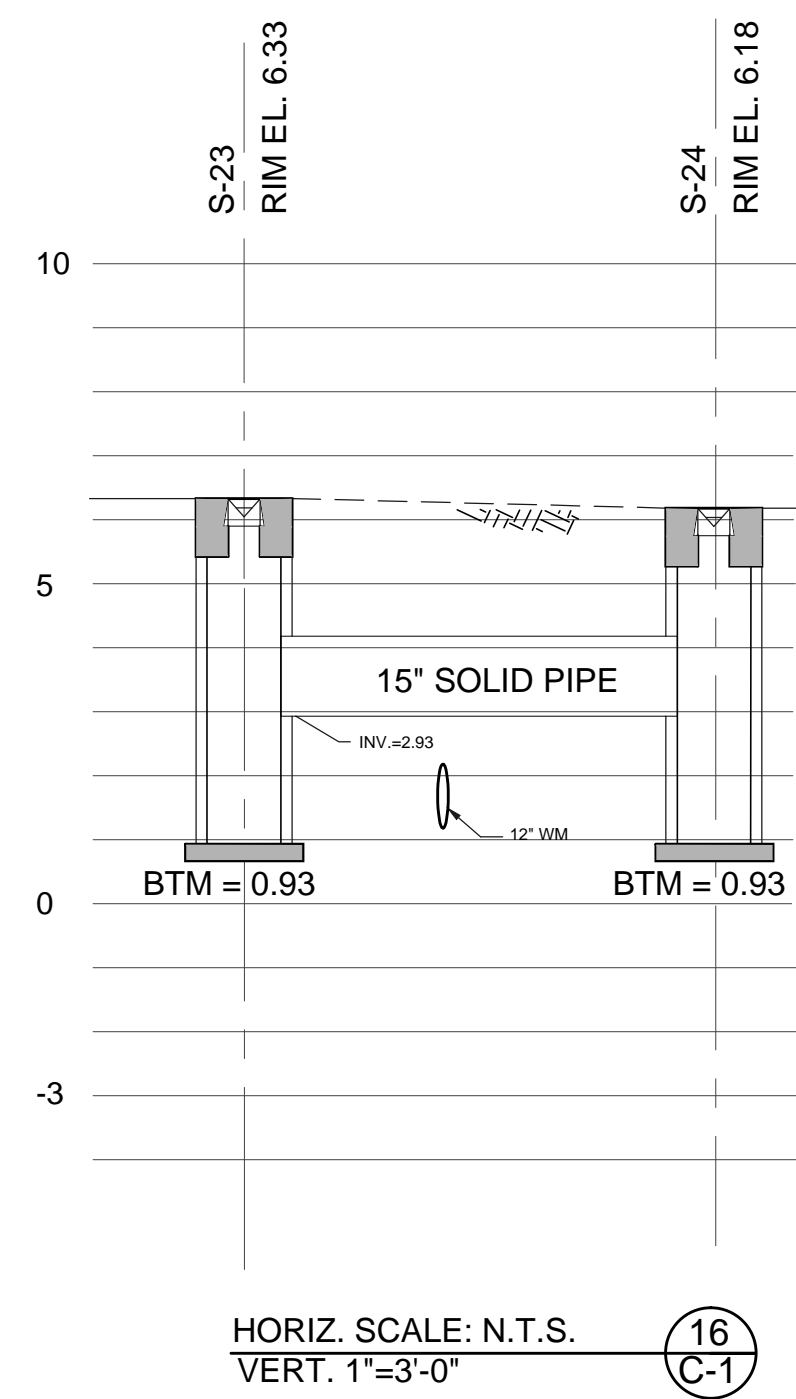
REVISIONS		
○	DATE	DRAWN BY
○	07-02-10	P.D.K.
△	01-26-12	R.G./B.J.F.

DATE	6/30/2009
JOB No.	MED4607
DESIGN BY	B.J.F.
DRAWN BY	B.J.F.
CHECKED BY	D.M.S.

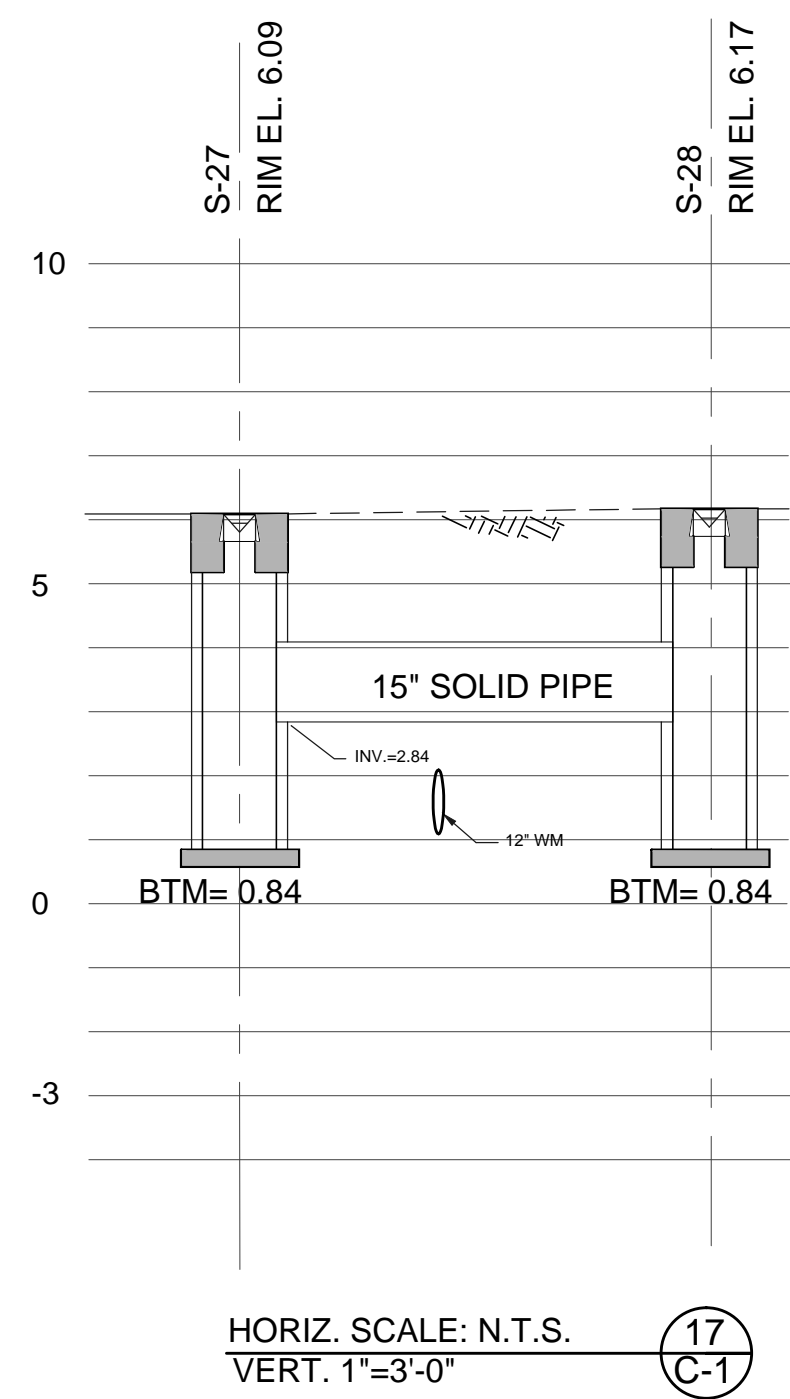
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SHEET No.

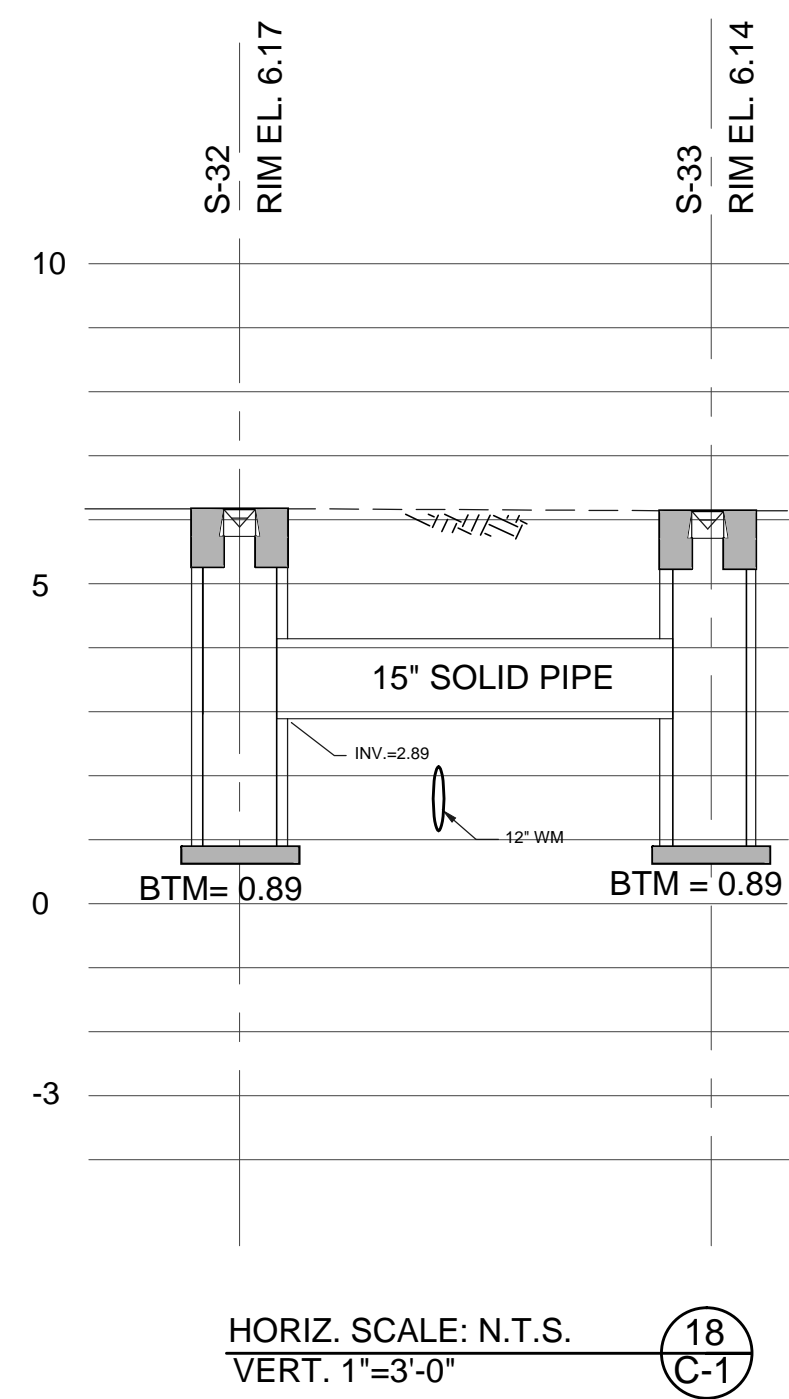
DRAINAGE CONFLICT SECTION



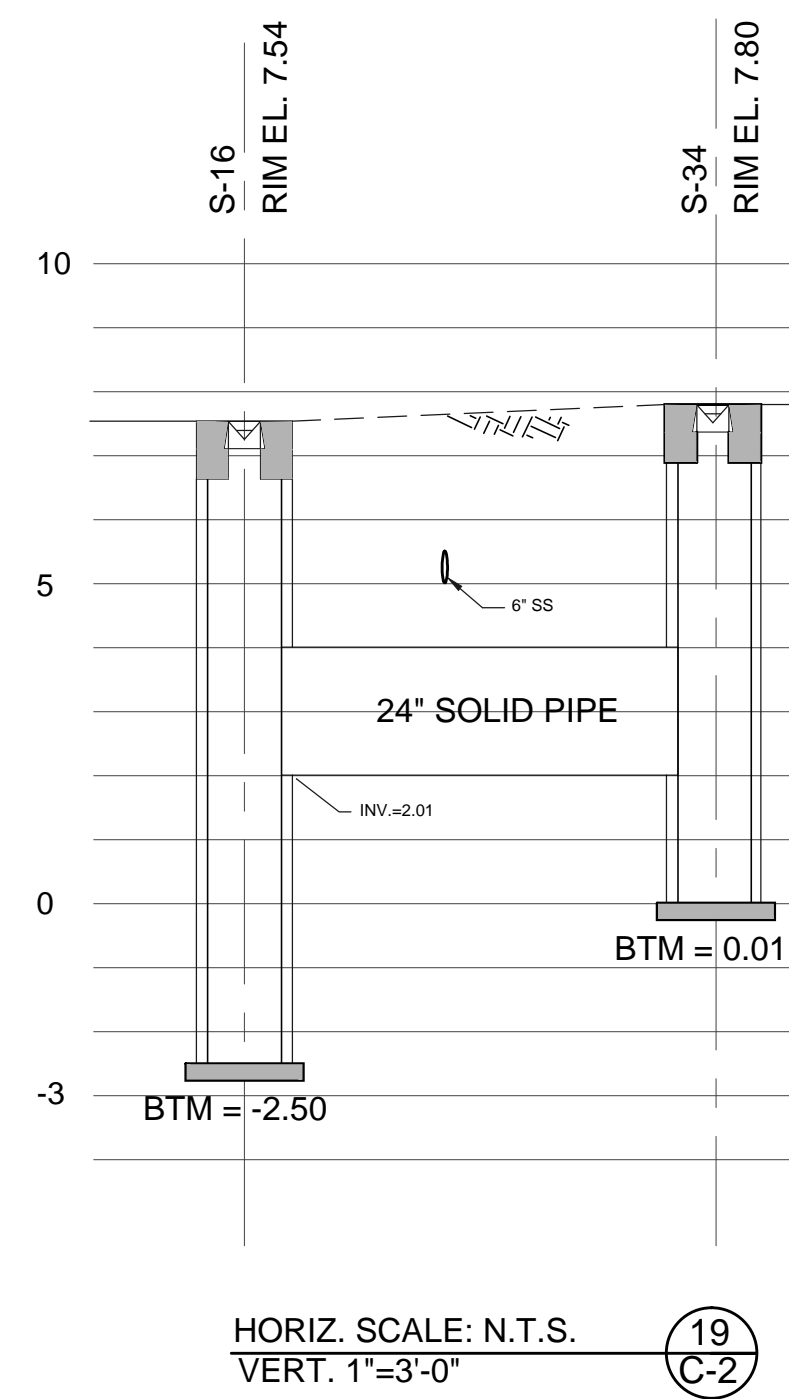
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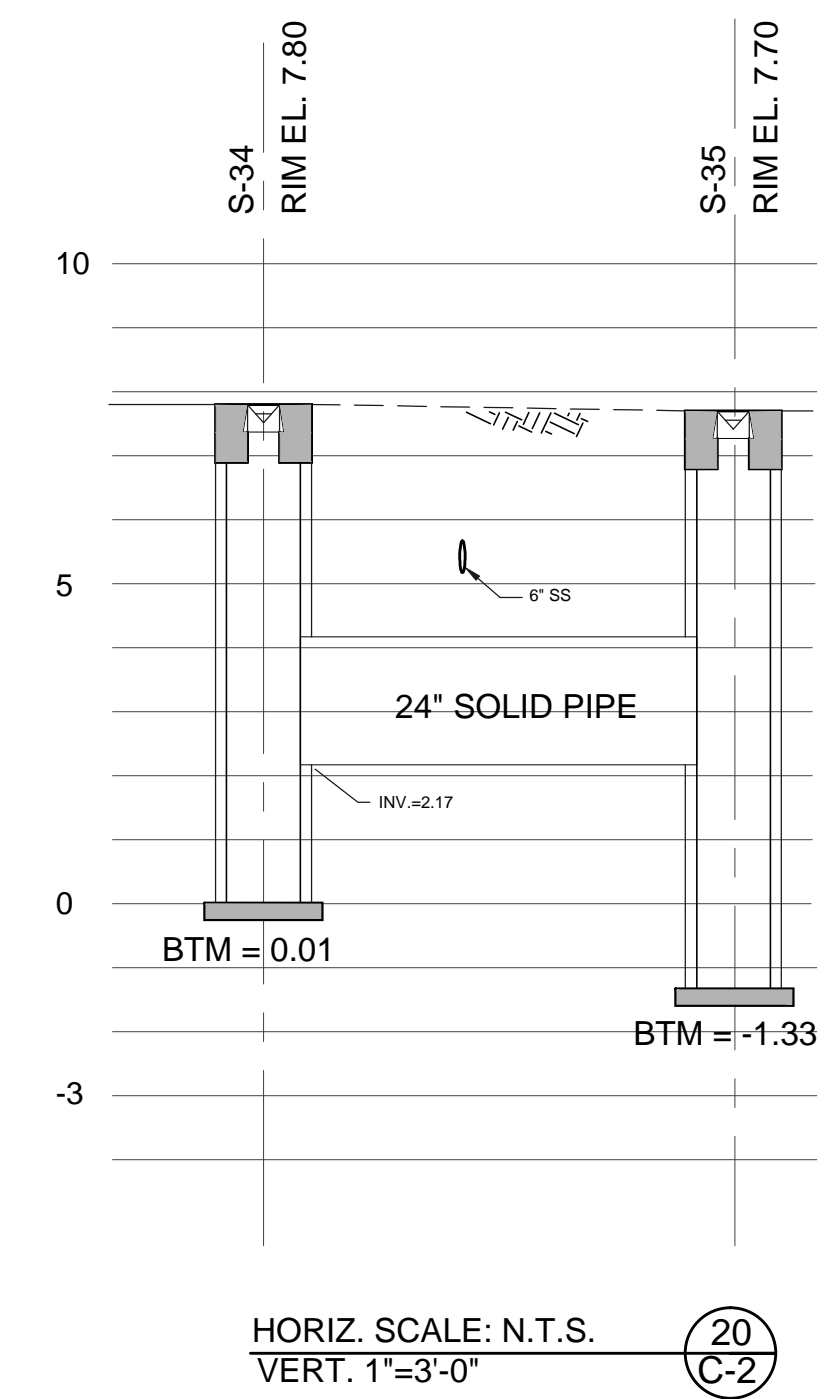
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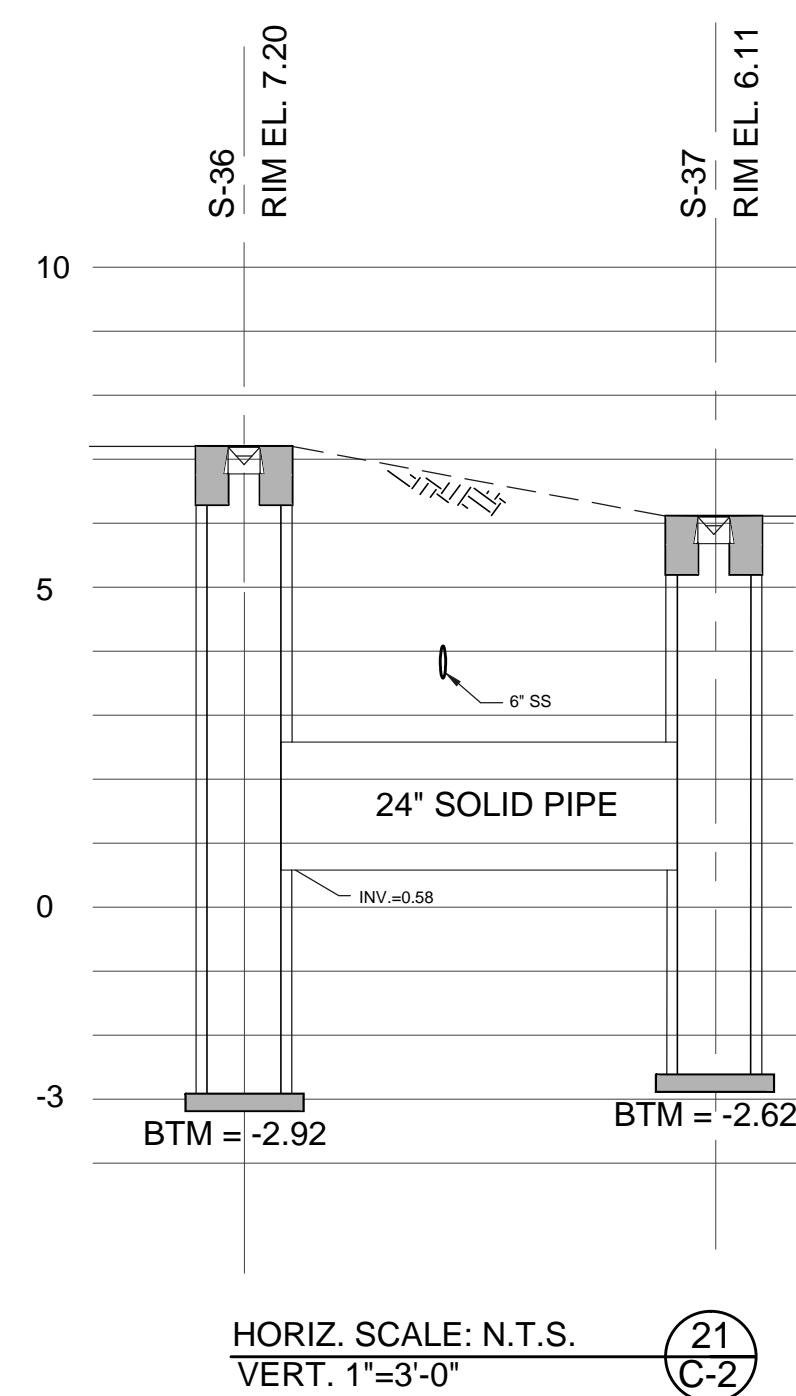
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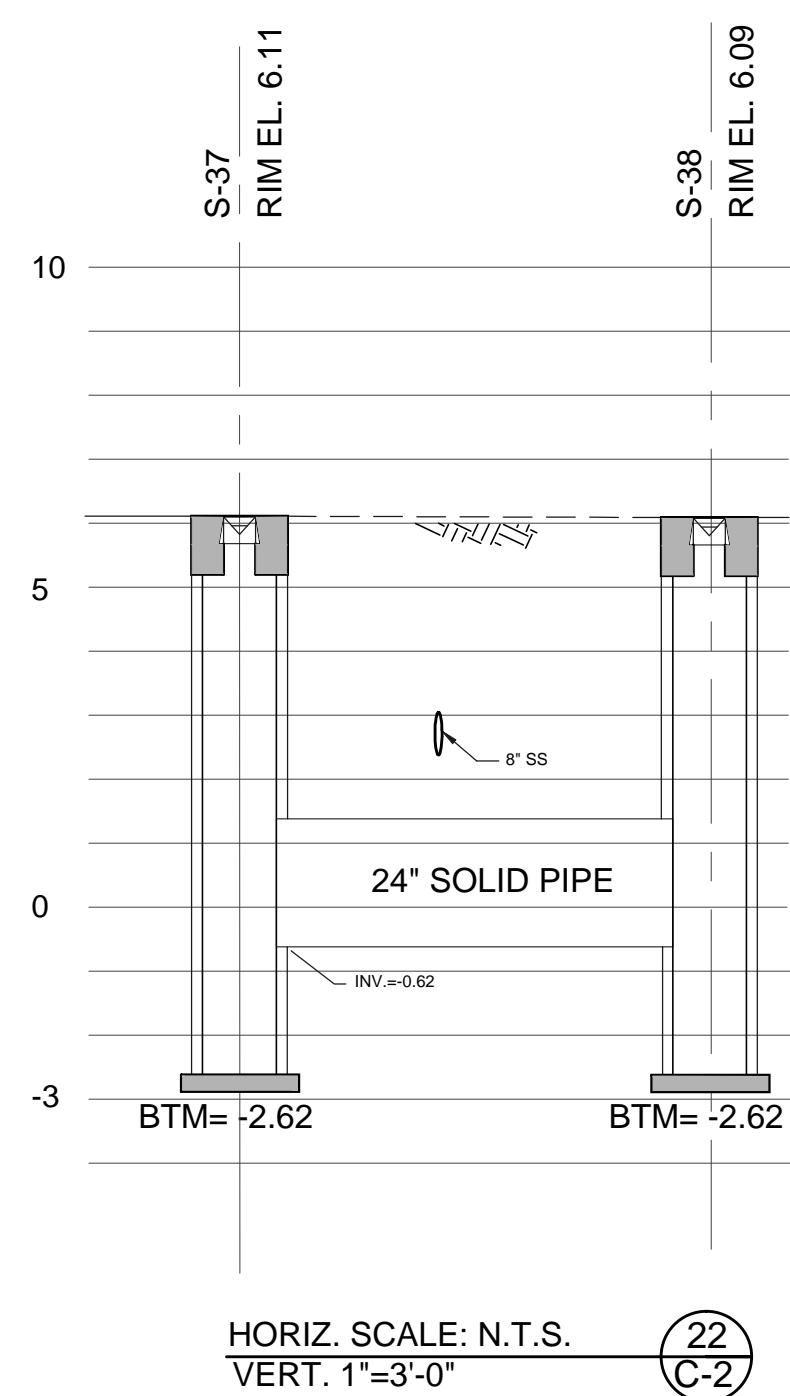
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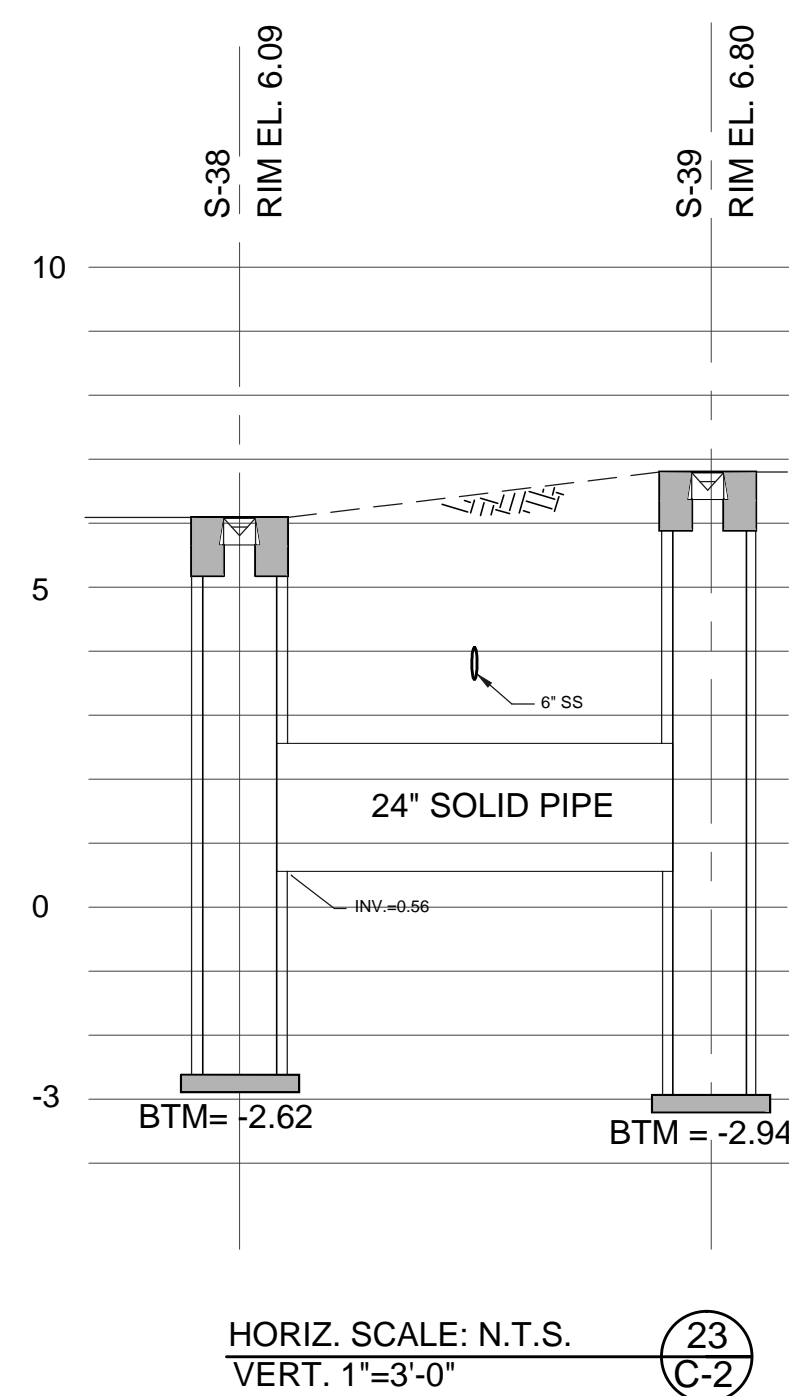
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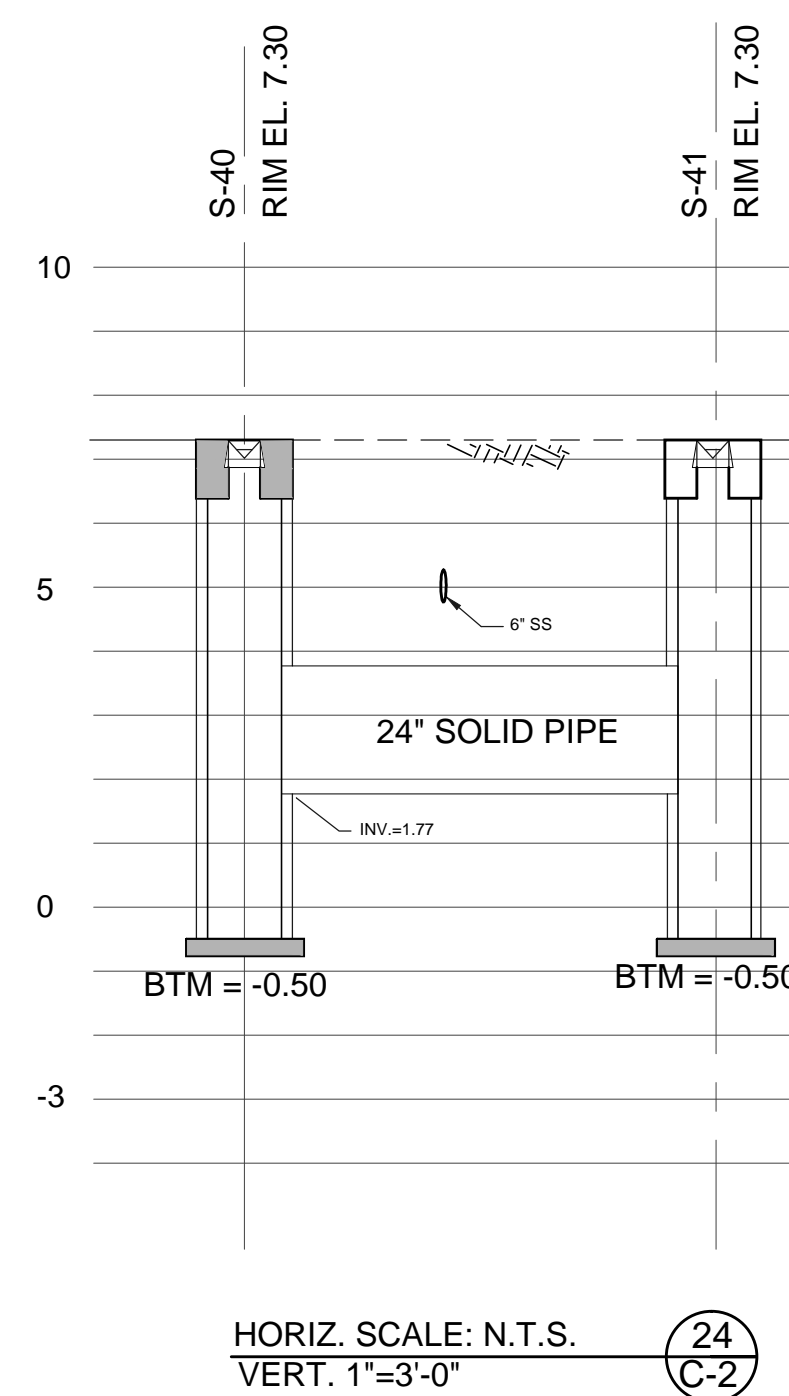
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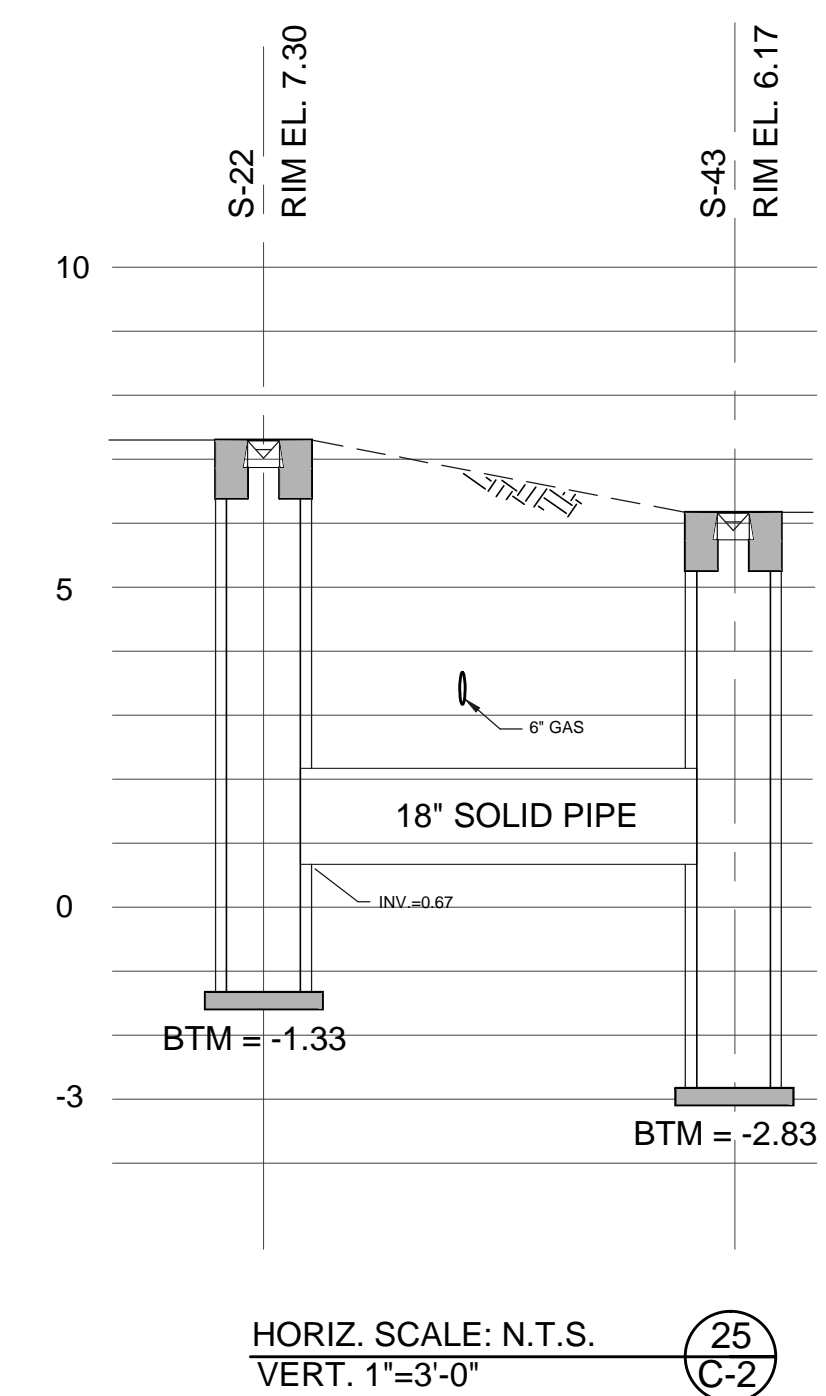
DRAINAGE CONFLICT SECTION



DRAINAGE CONFLICT SECTION



DRAINAGE CONFLICT SECTION



CONFLICT SECTIONS

FLOOD MITIGATION AREA
MEDLEY, FL

NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY

SEAL

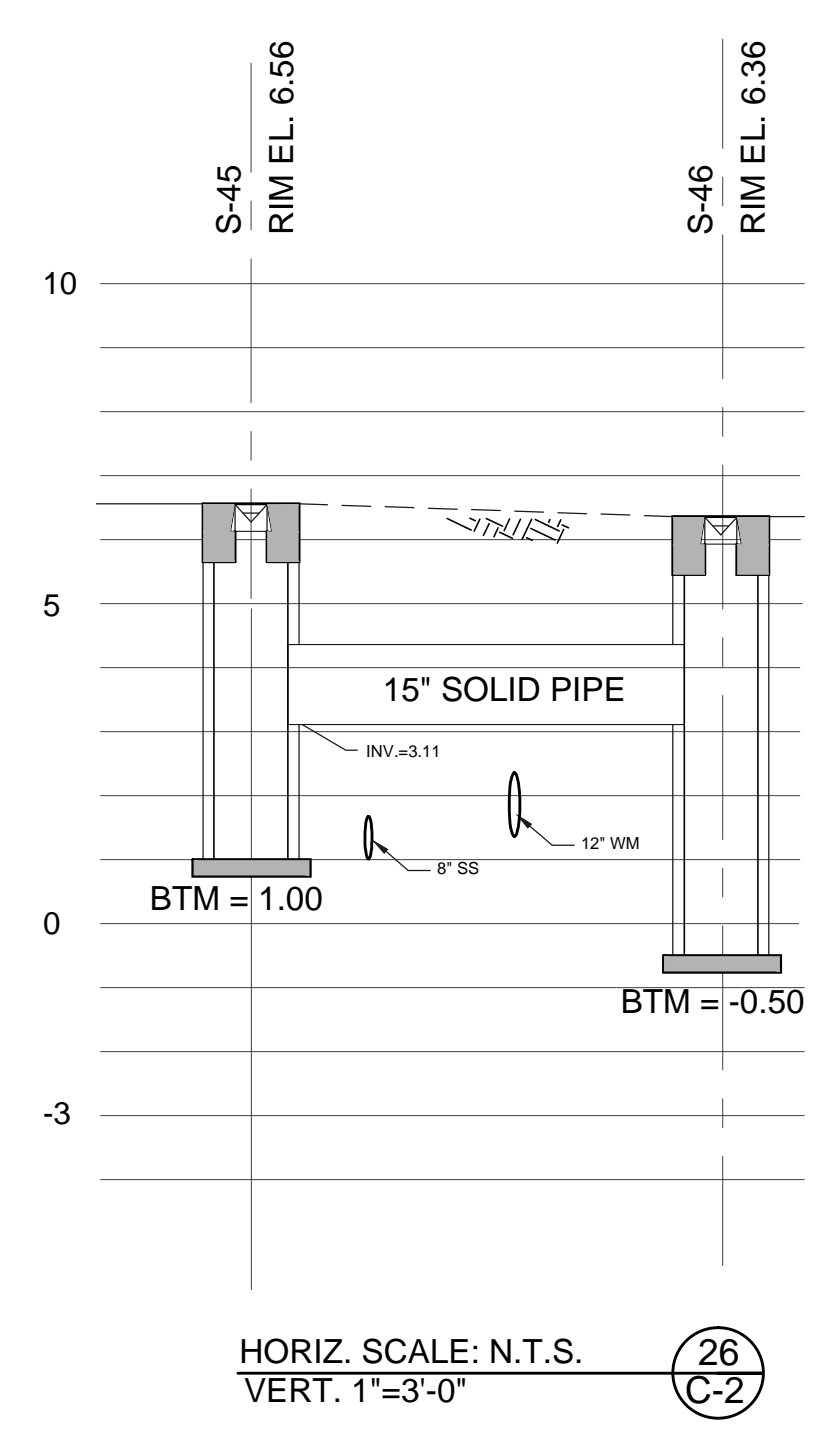
DIANA SANTANDER, P.E.
FL # 65854

REVISIONS		
○	DATE	DRAWN BY
○	07-02-10	P.D.K.
△	01-26-12	R.G./B.J.F.

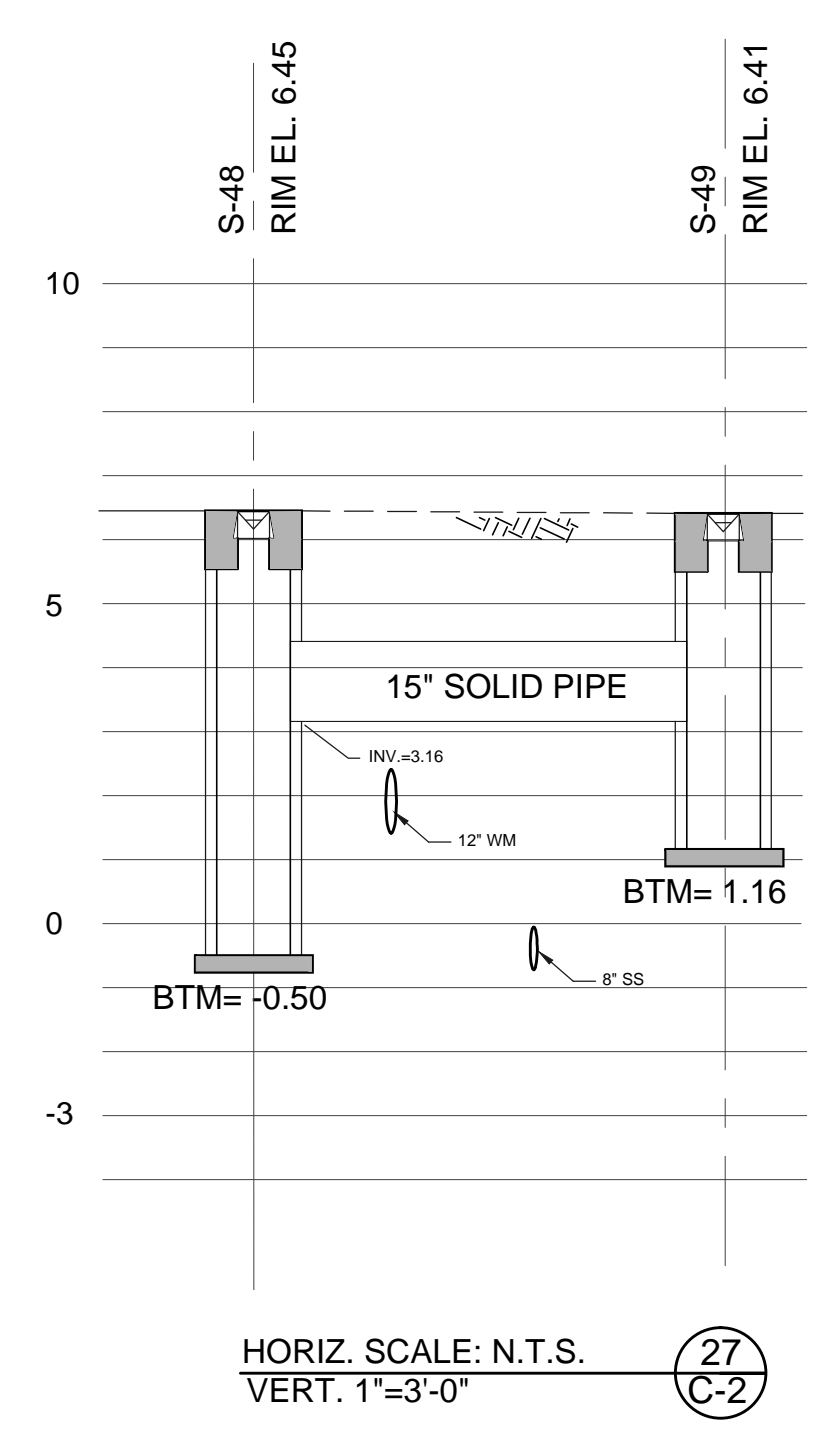
DATE	6/30/2009
JOB No.	MED4607
DESIGN BY	B.J.F.
DRAWN BY	B.J.F.
CHECKED BY	D.M.S.

DRAWING No.	C-25
SHEET No.	

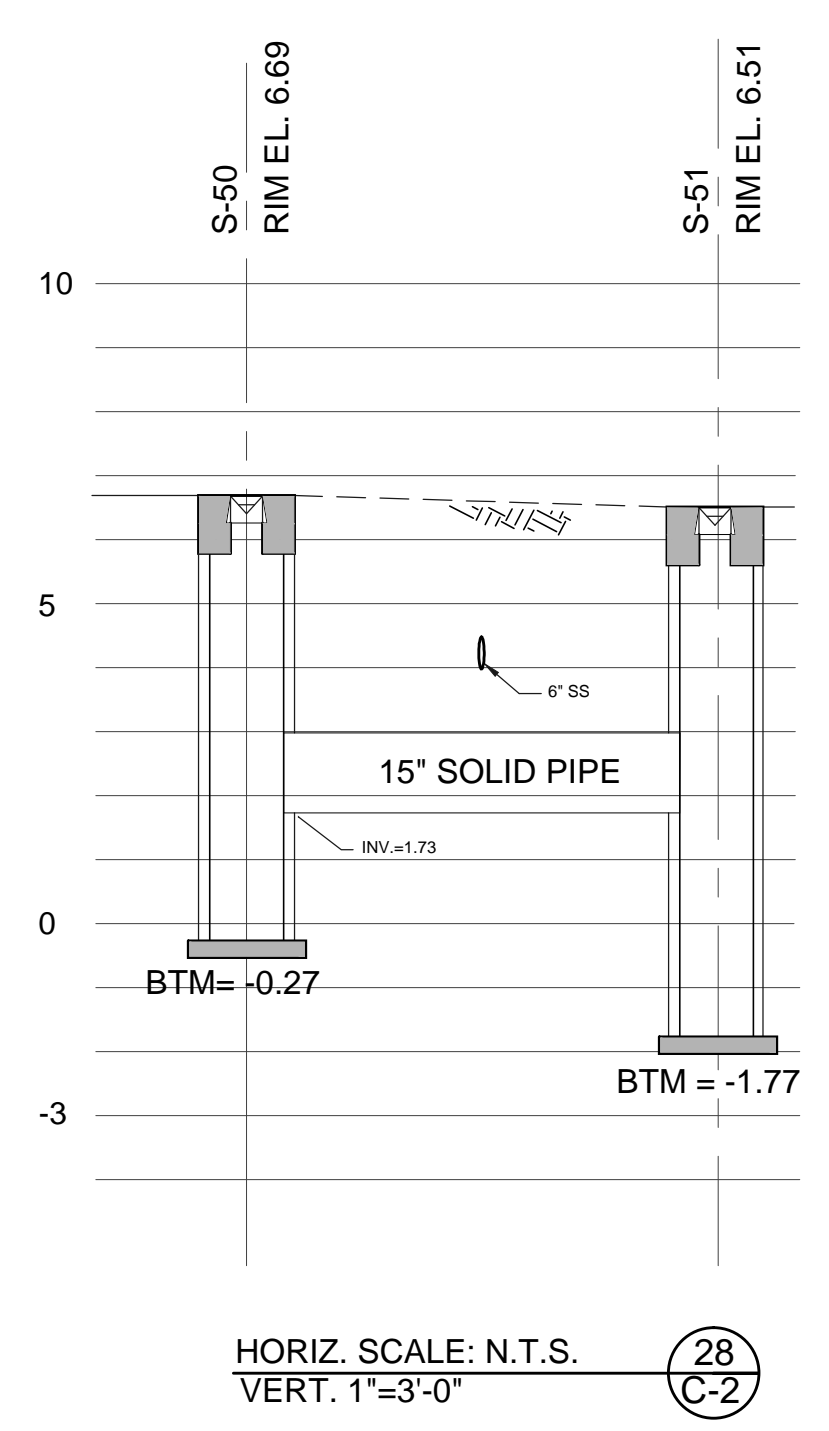
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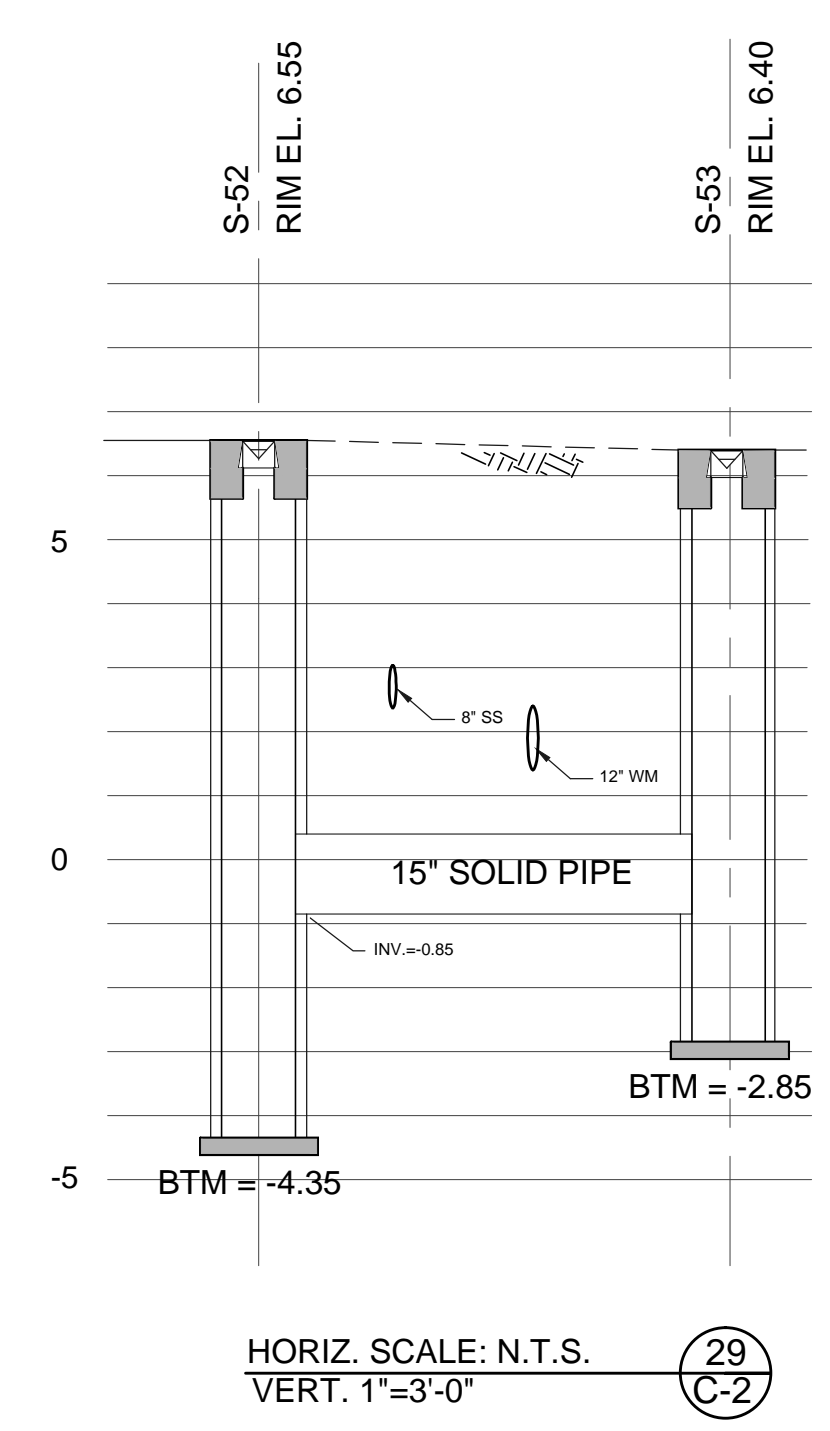
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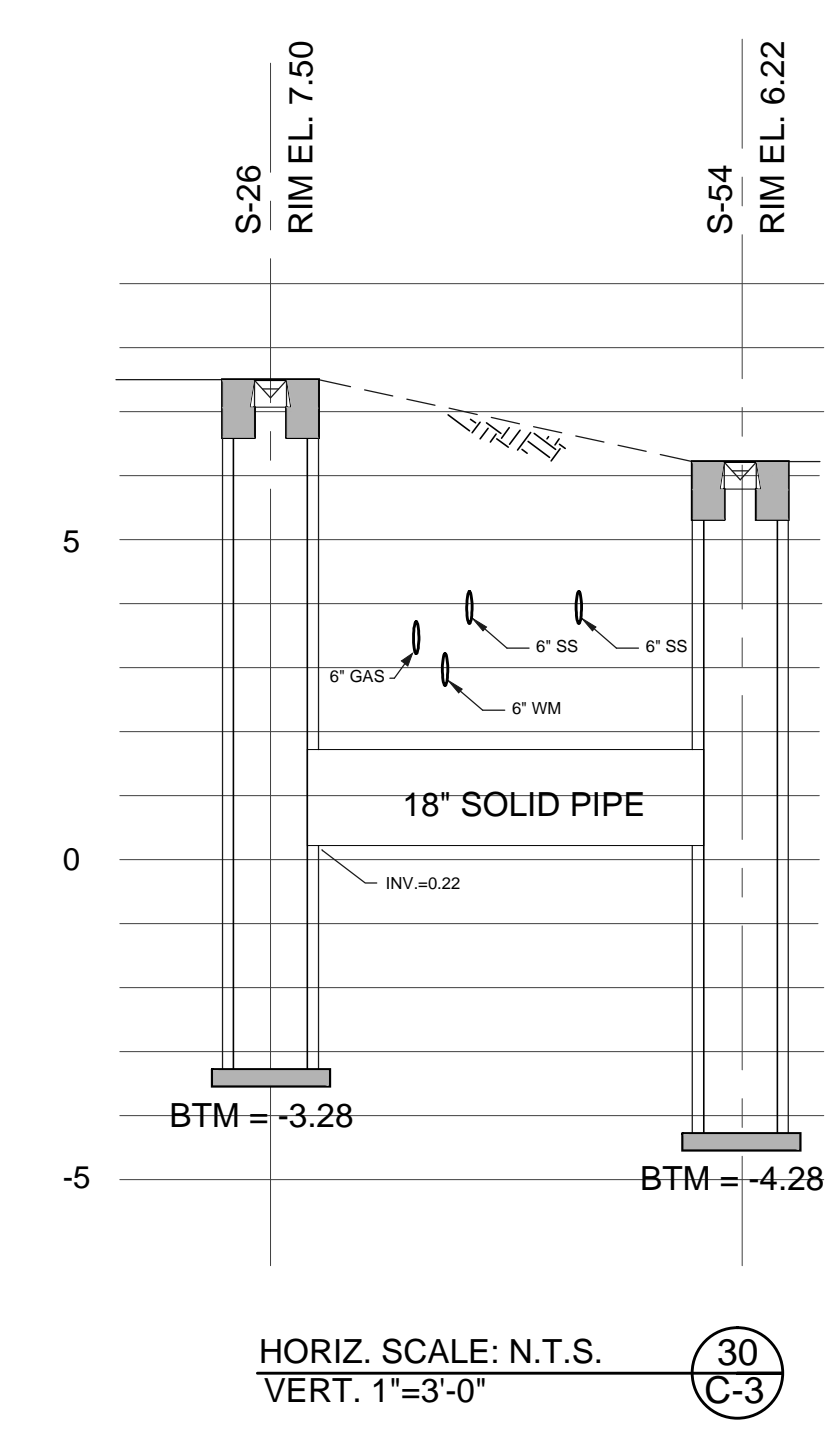
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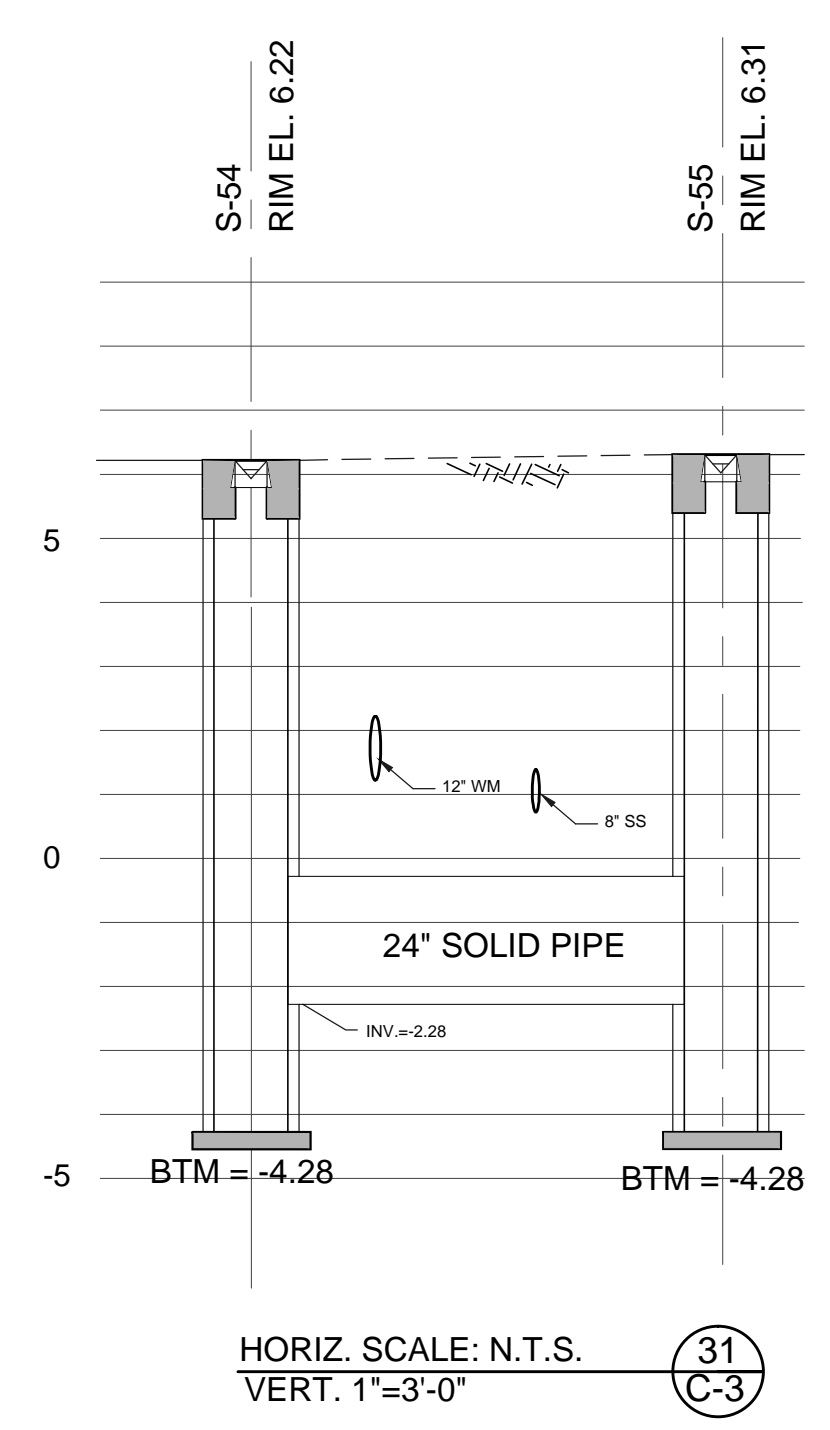
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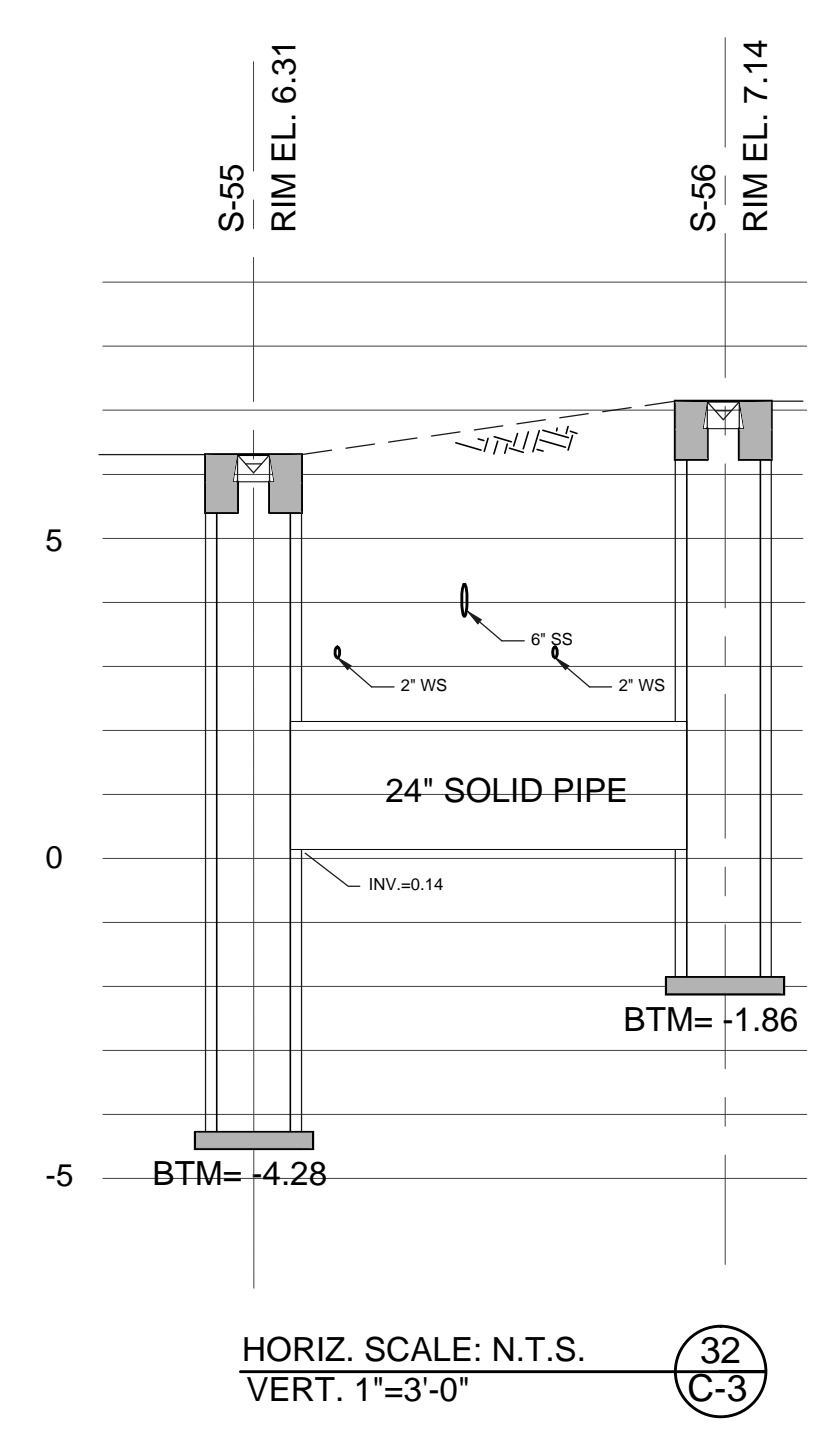
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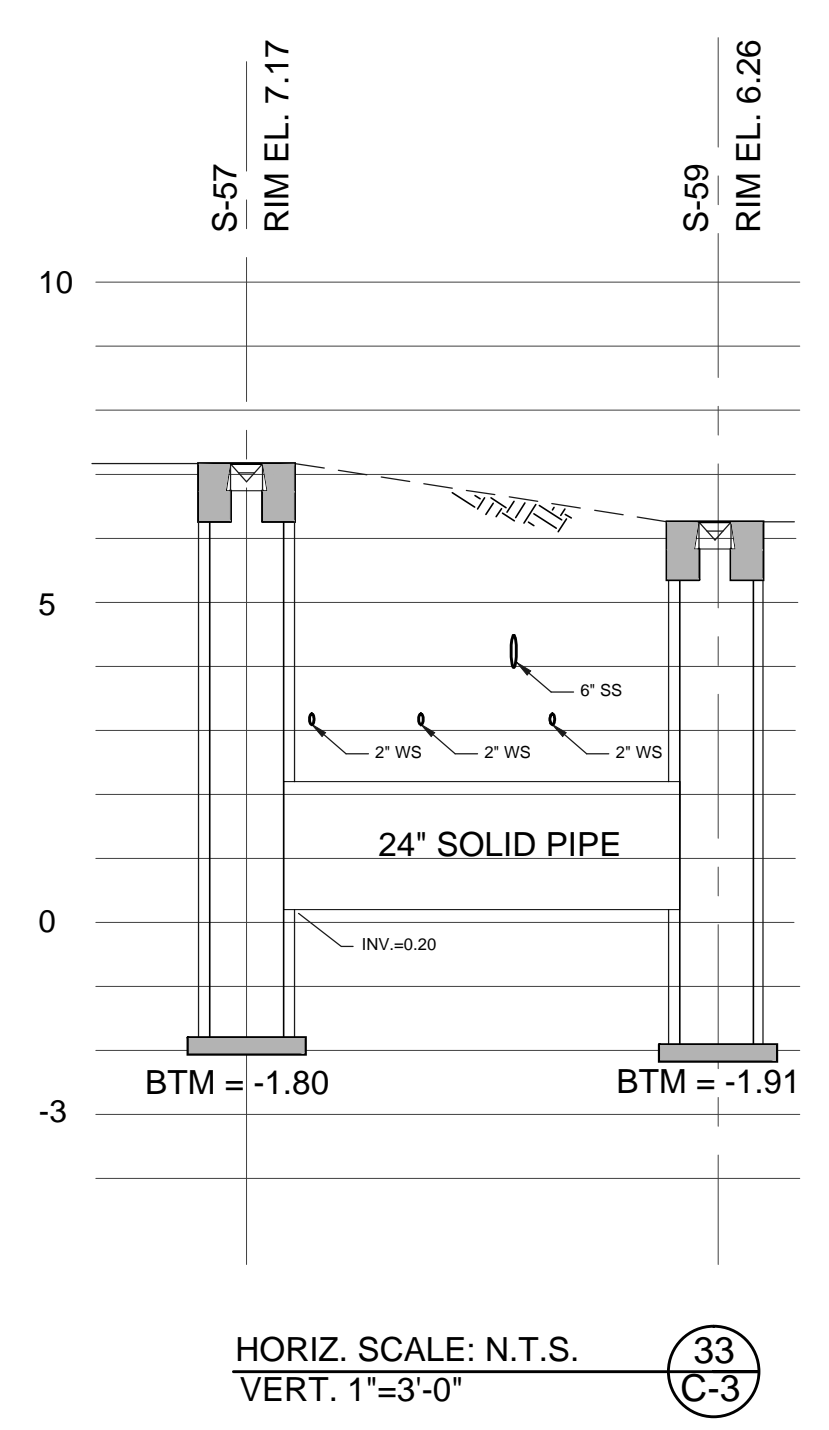
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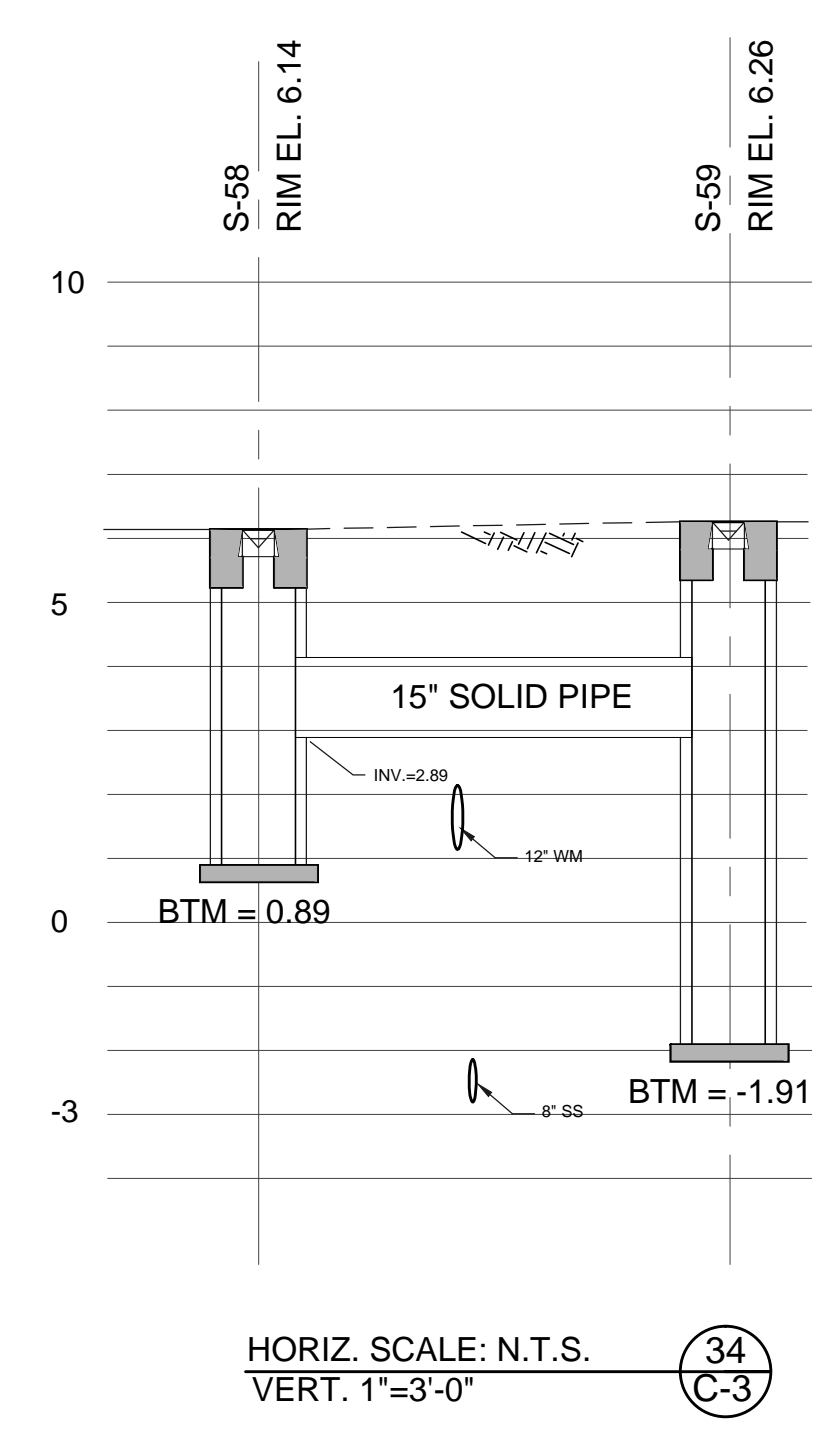
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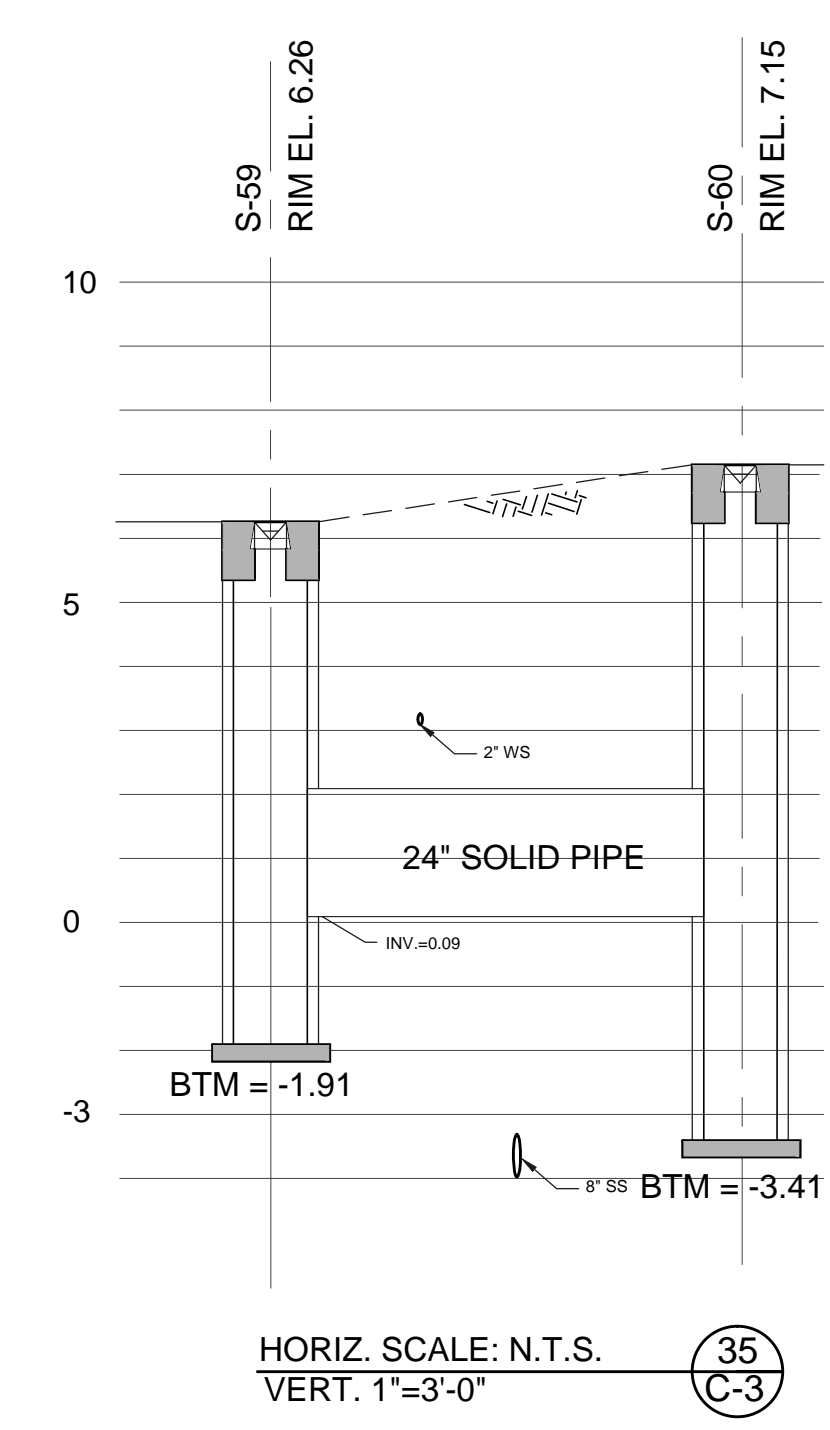
DRAINAGE CONFLICT SECTION



DRAINAGE CONFLICT SECTION



DRAINAGE CONFLICT SECTION



CONFLICT SECTIONS

**FLOOD MITIGATION AREA
MEDLEY, FL**

NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY

SEAL

DIANA SANTANDER, P.E.
FL # 65854

REVISIONS		
○	DATE	DRAWN BY
○	07-02-10	P.D.K.
△	01-26-12	R.G./B.J.F.

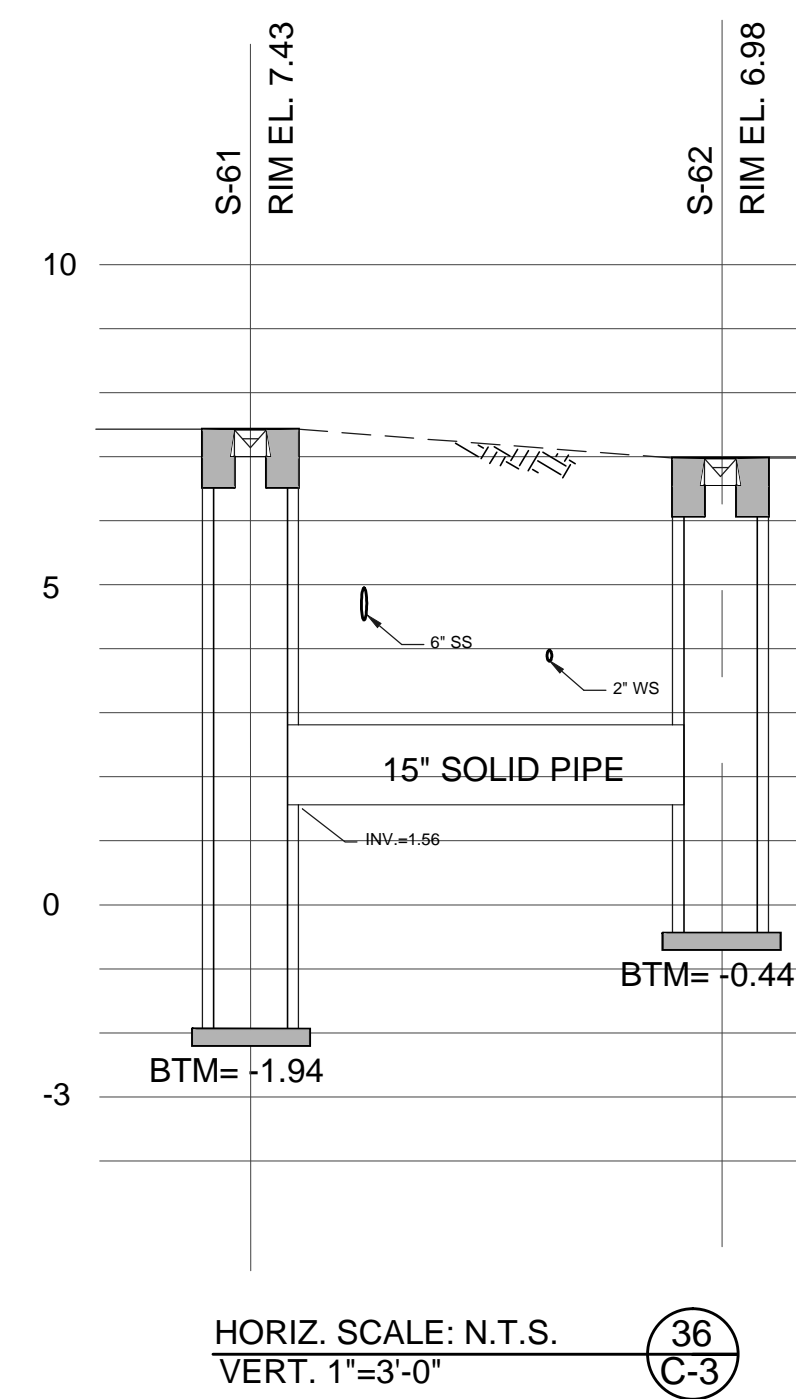
DATE	6/30/2009
JOB No.	MED4607
DESIGN BY	B.J.F.
DRAWN BY	B.J.F.
CHECKED BY	D.M.S.

DRAWING No. **C-26**

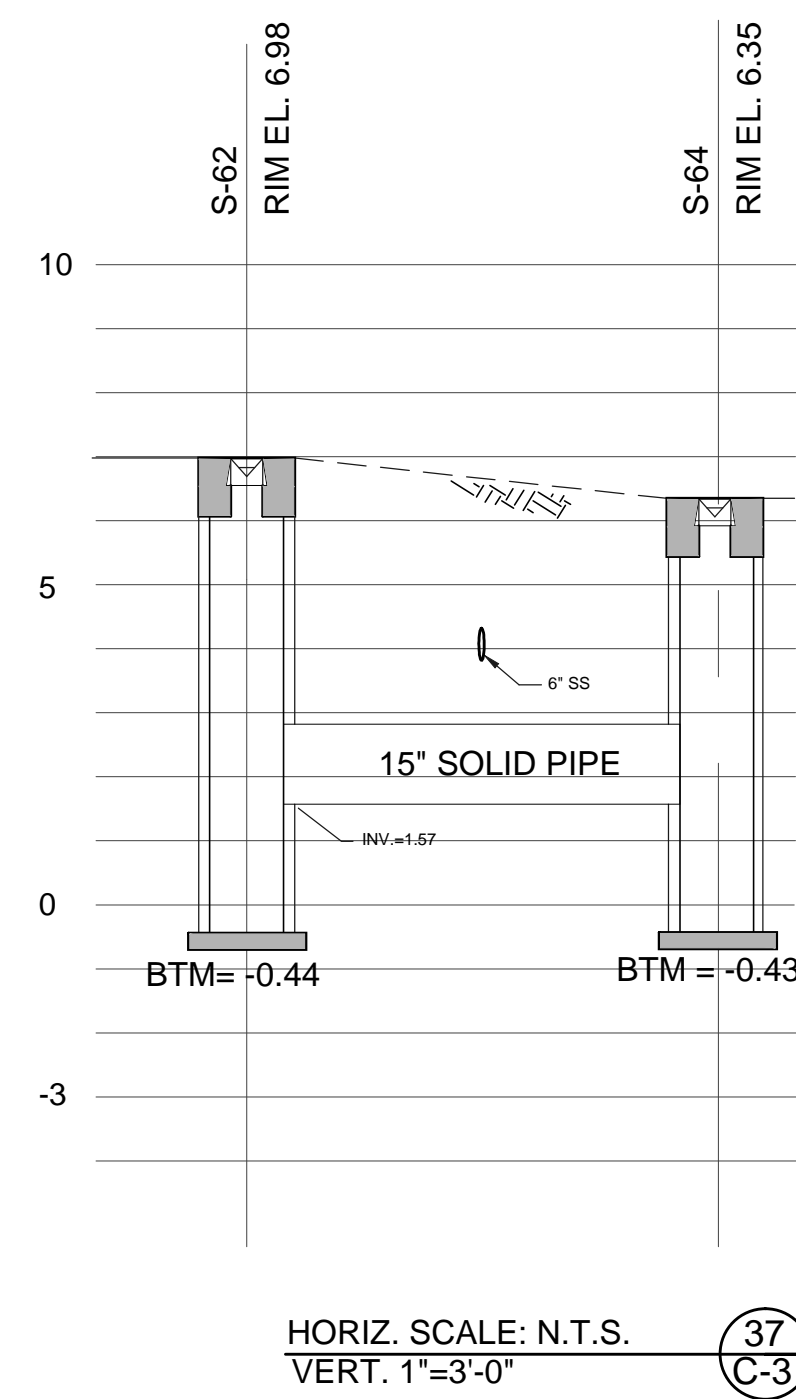
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35 OF **36** SHEETS

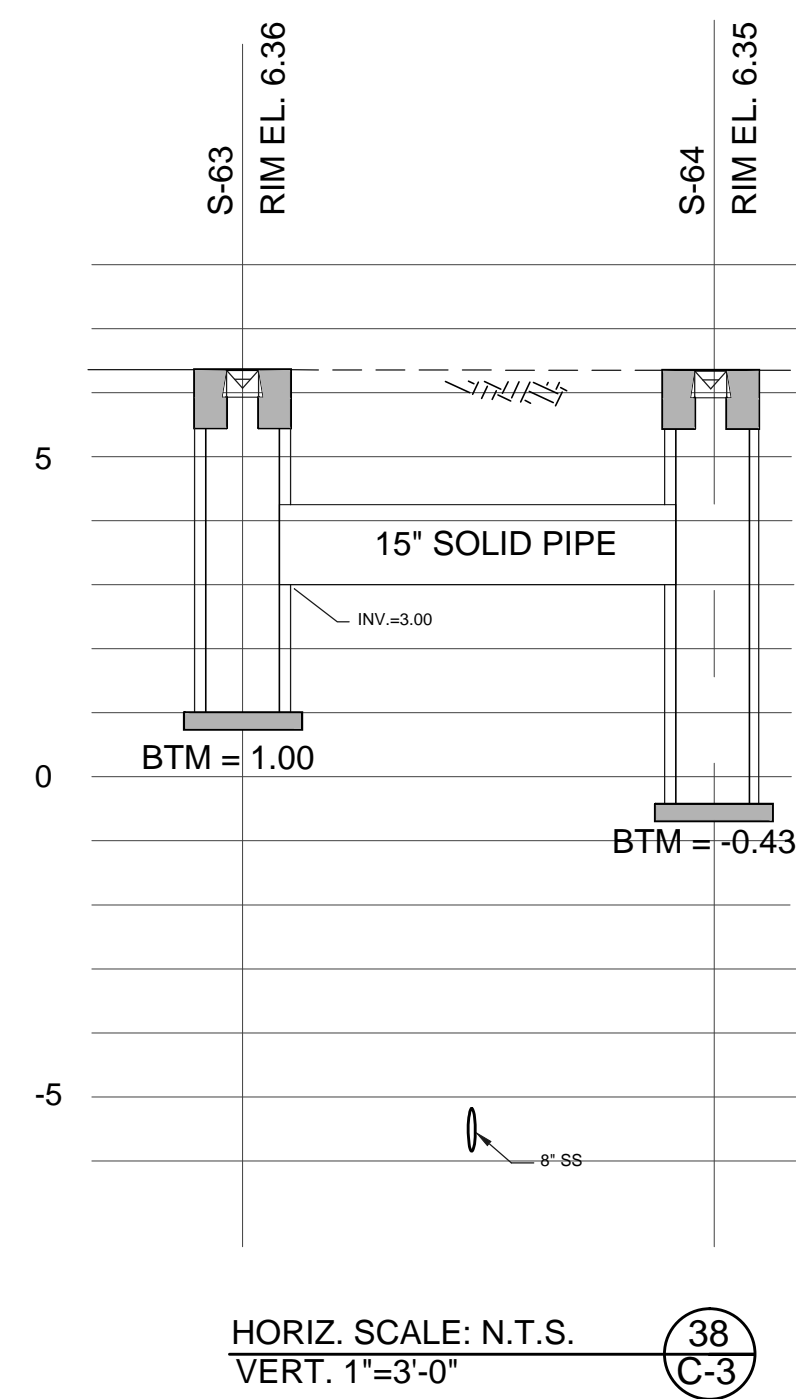
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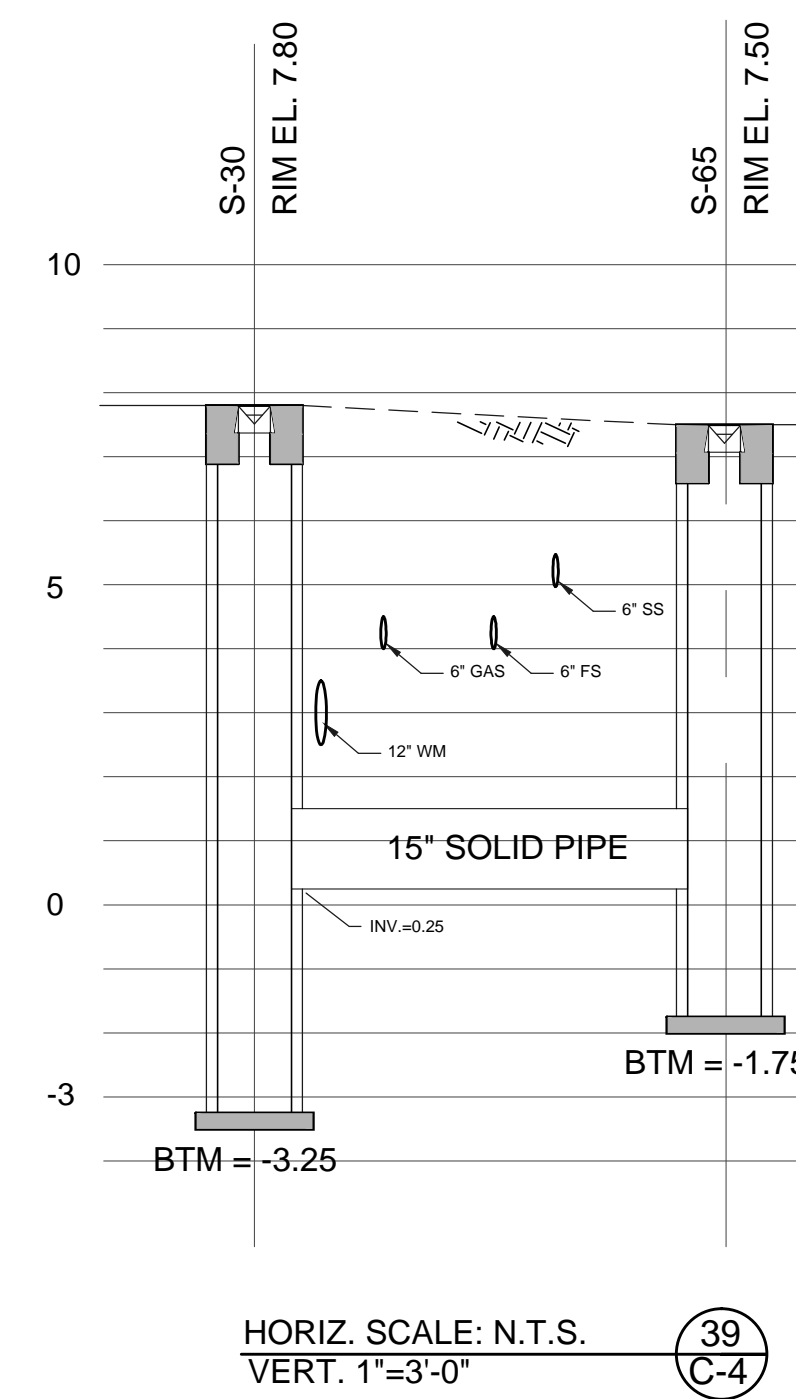
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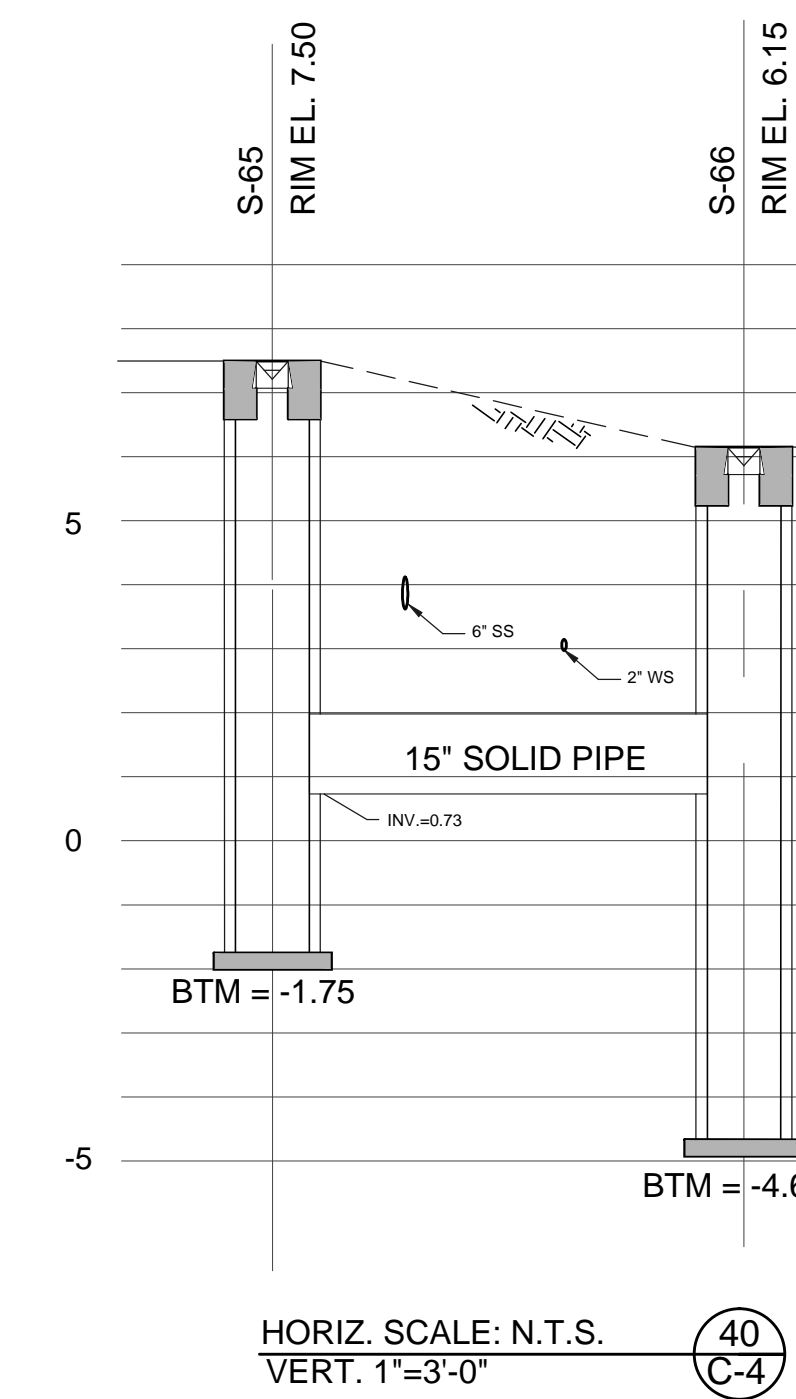
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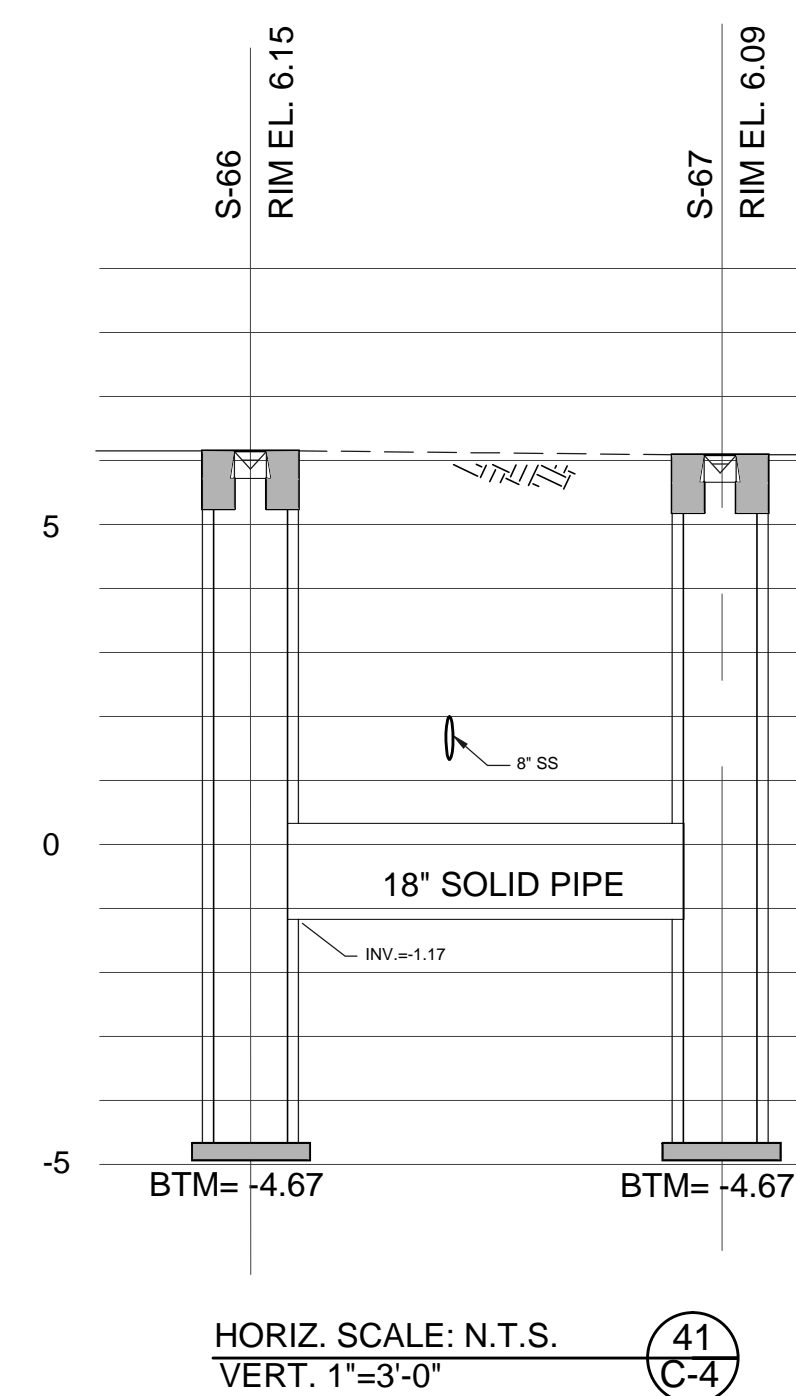
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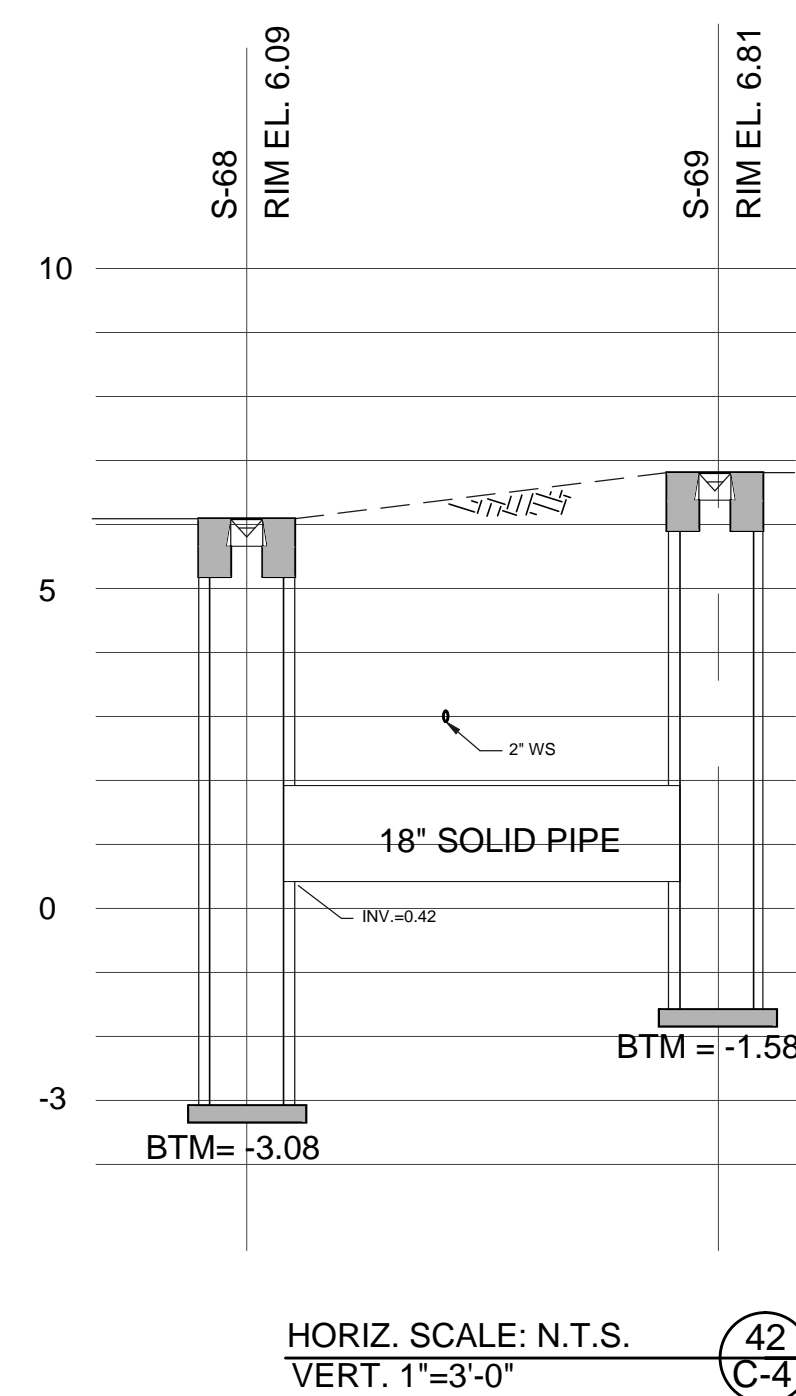
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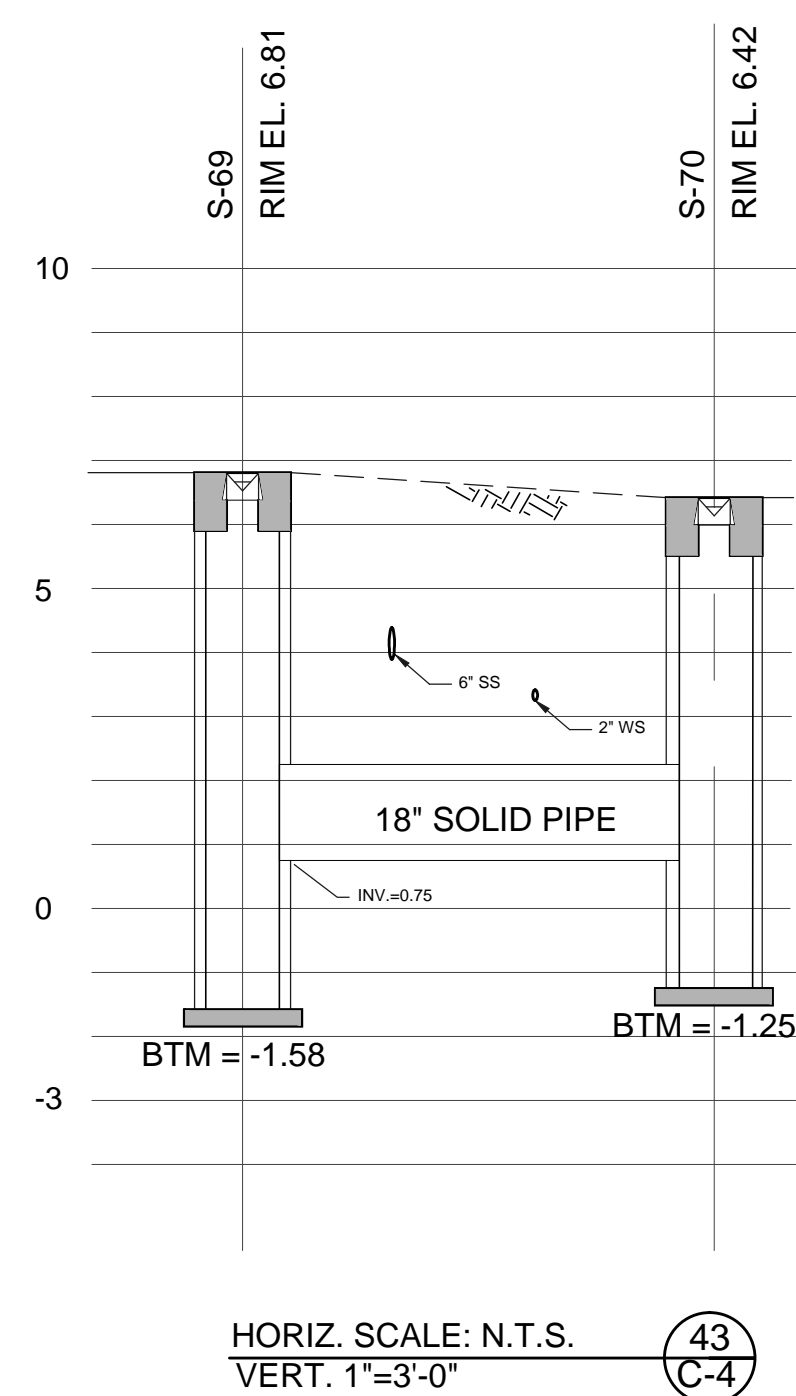
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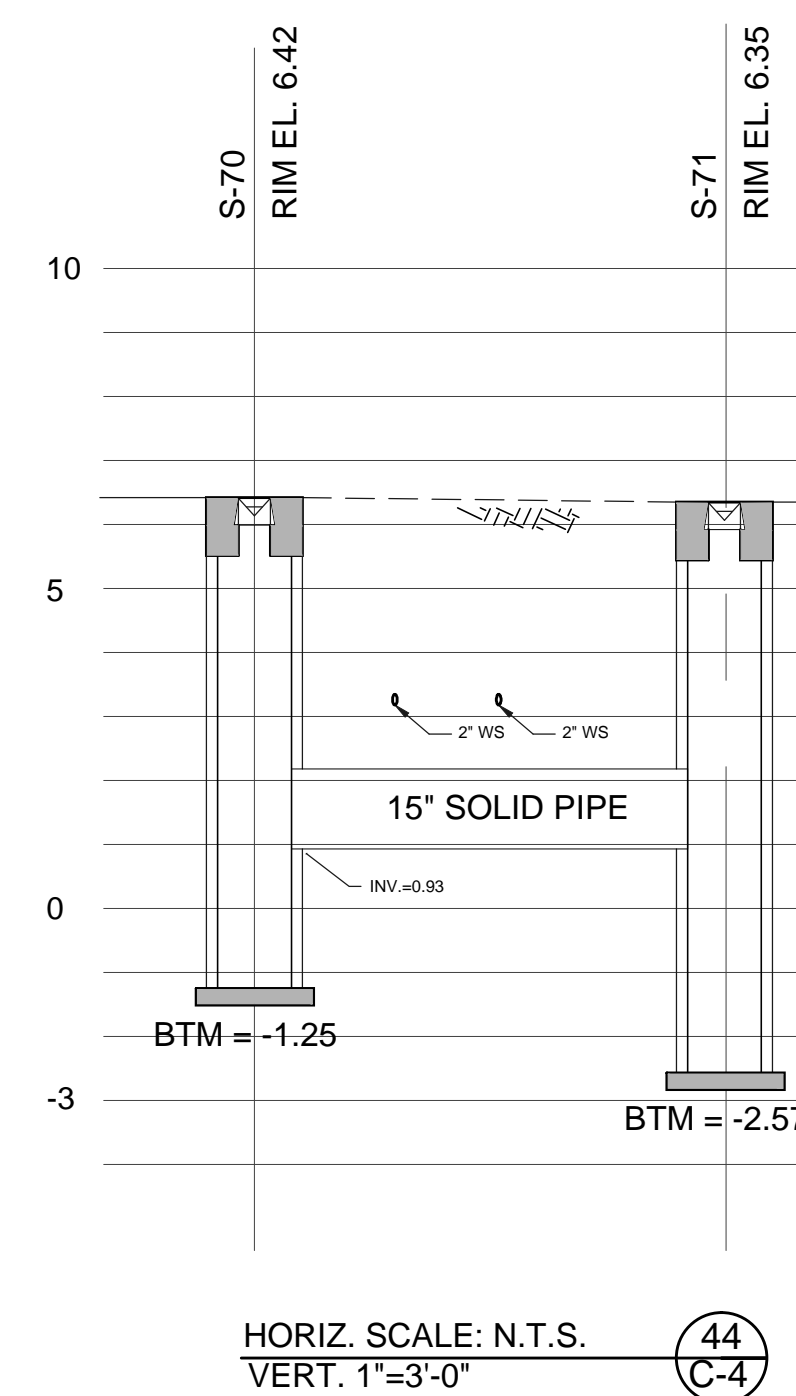
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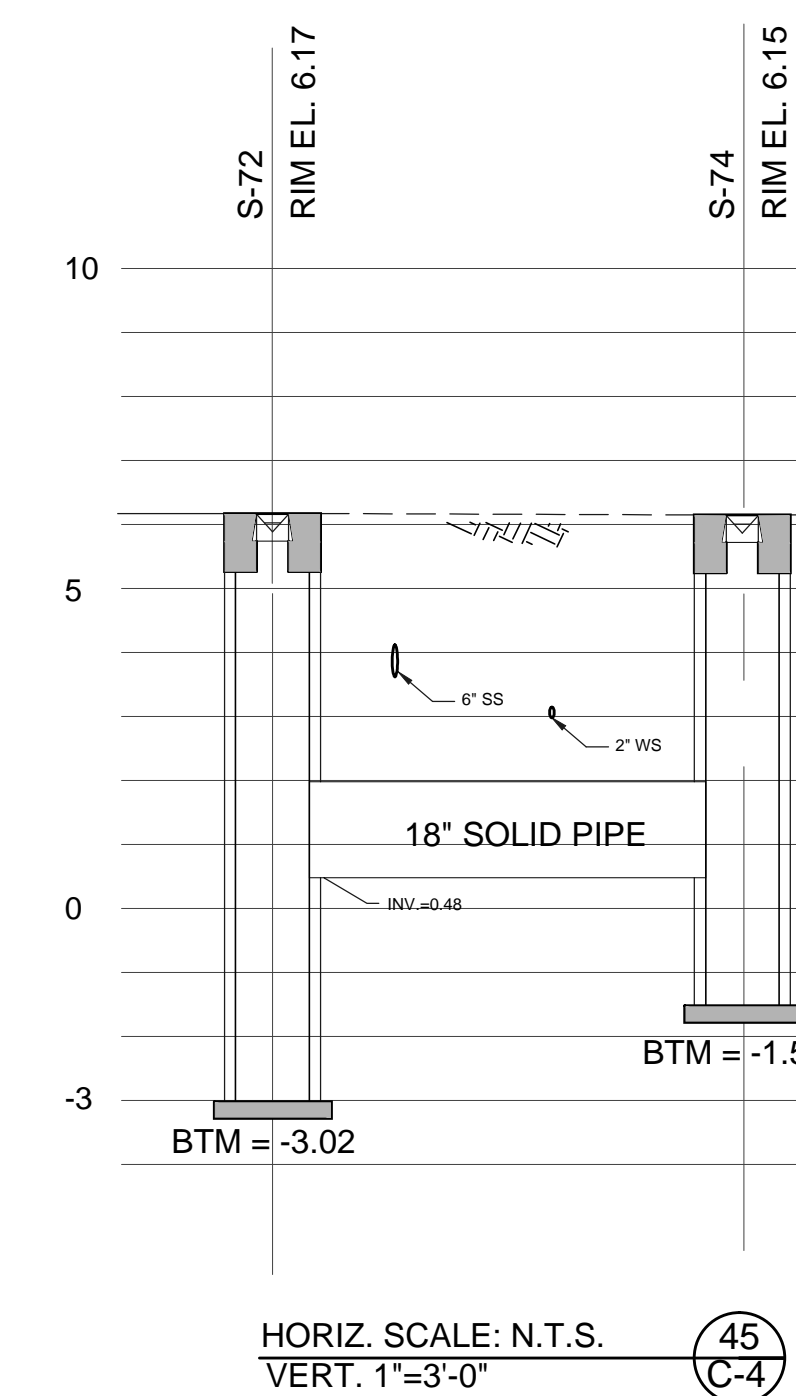
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DRAINAGE CONFLICT SECTION



DRAINAGE CONFLICT SECTION



CONFLICT SECTIONS

FLOOD MITIGATION AREA
MEDLEY, FL

NOT FOR CONSTRUCTION - FOR BID PURPOSES ONLY

SEAL

DIANA SANTANDER, P.E.
FL # 65854

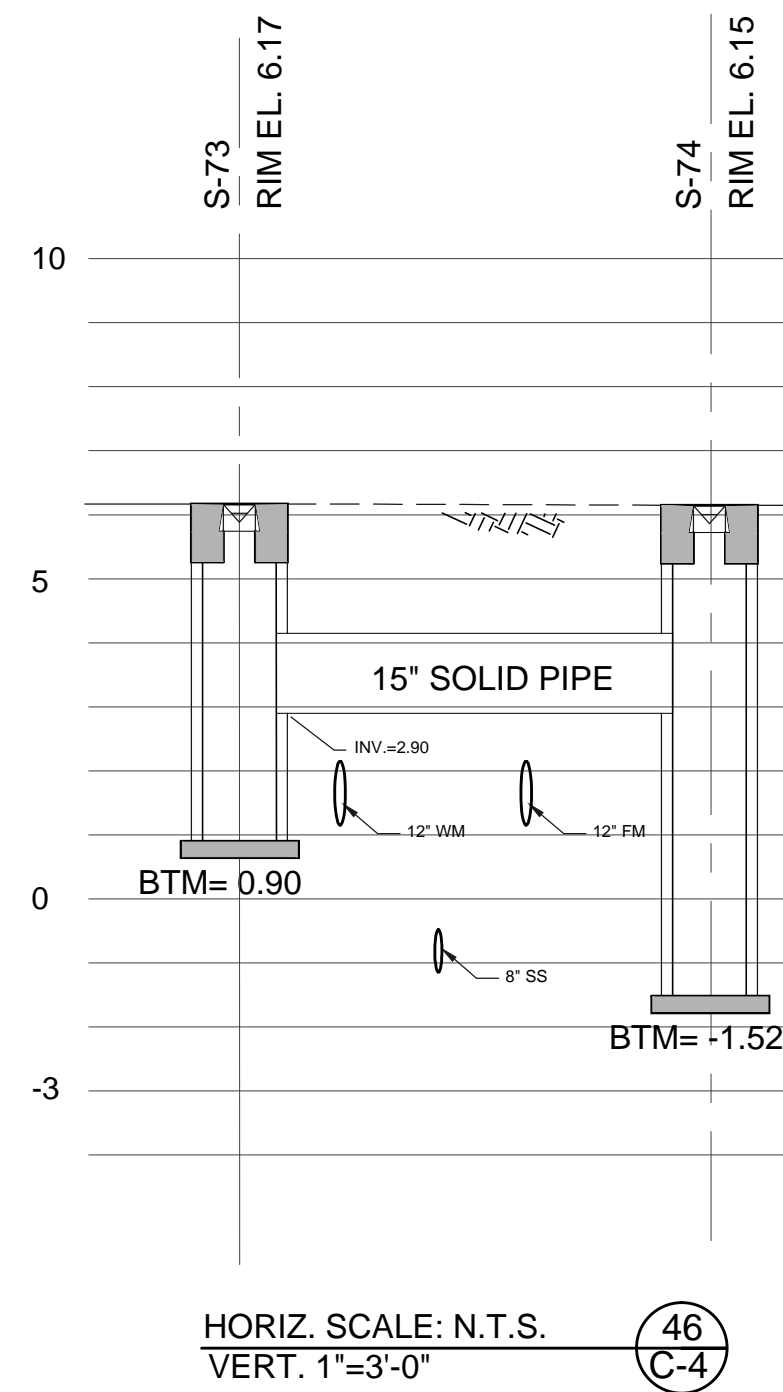
REVISIONS		
○	DATE	DRAWN BY
○	07-02-10	P.D.K.
△	01-26-12	R.G./B.J.F.

DATE	6/30/2009
JOB No.	MED4607
DESIGN BY	B.J.F.
DRAWN BY	B.J.F.
CHECKED BY	D.M.S.

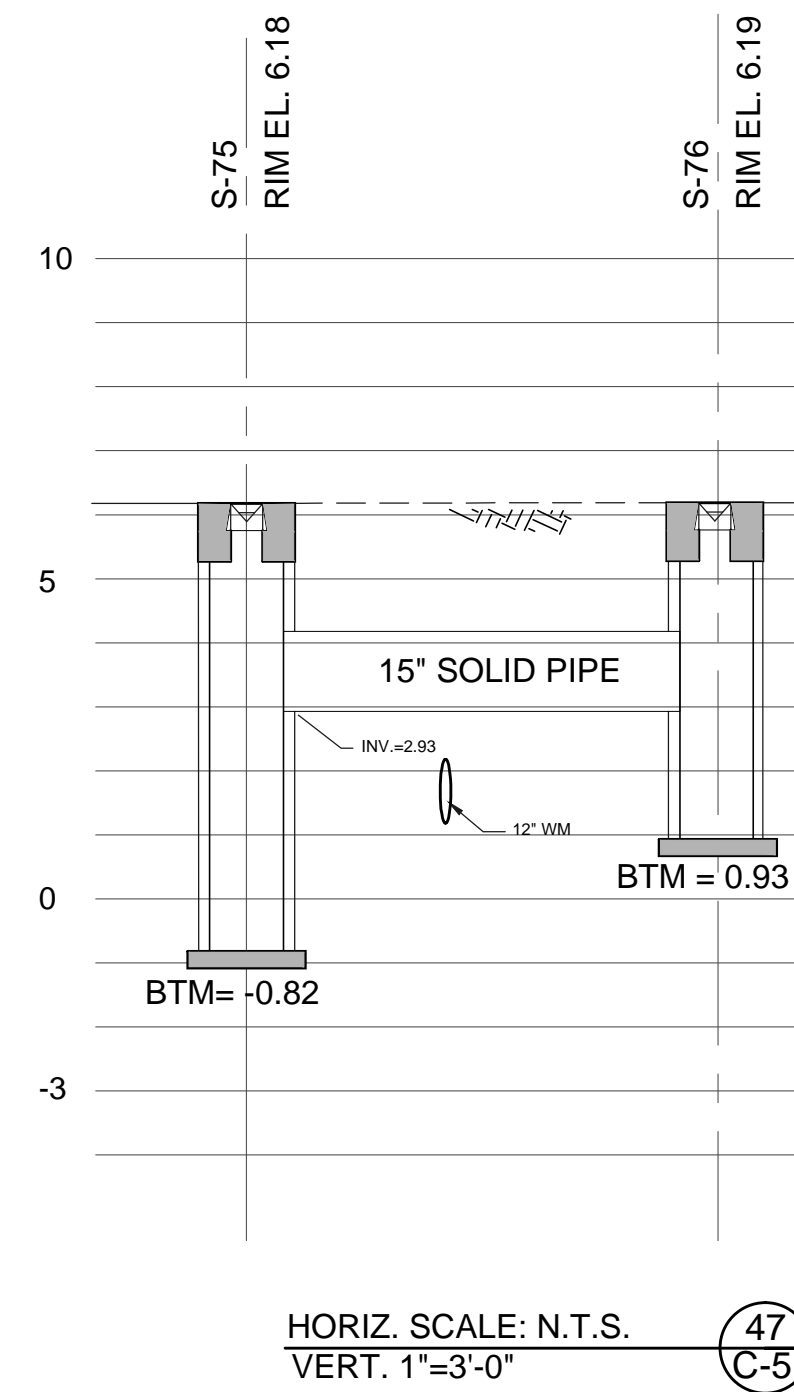
DRAWING No. C-27

SHEET No.

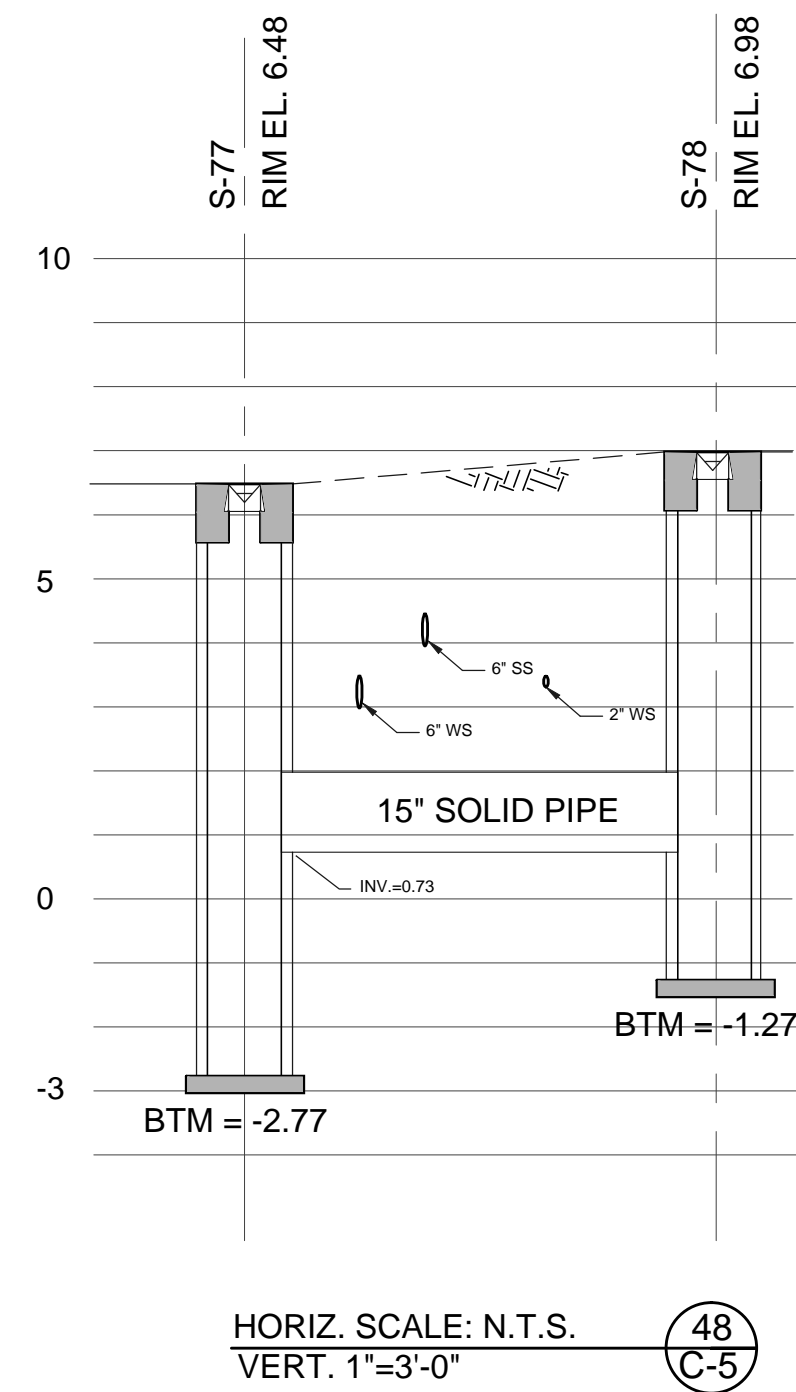
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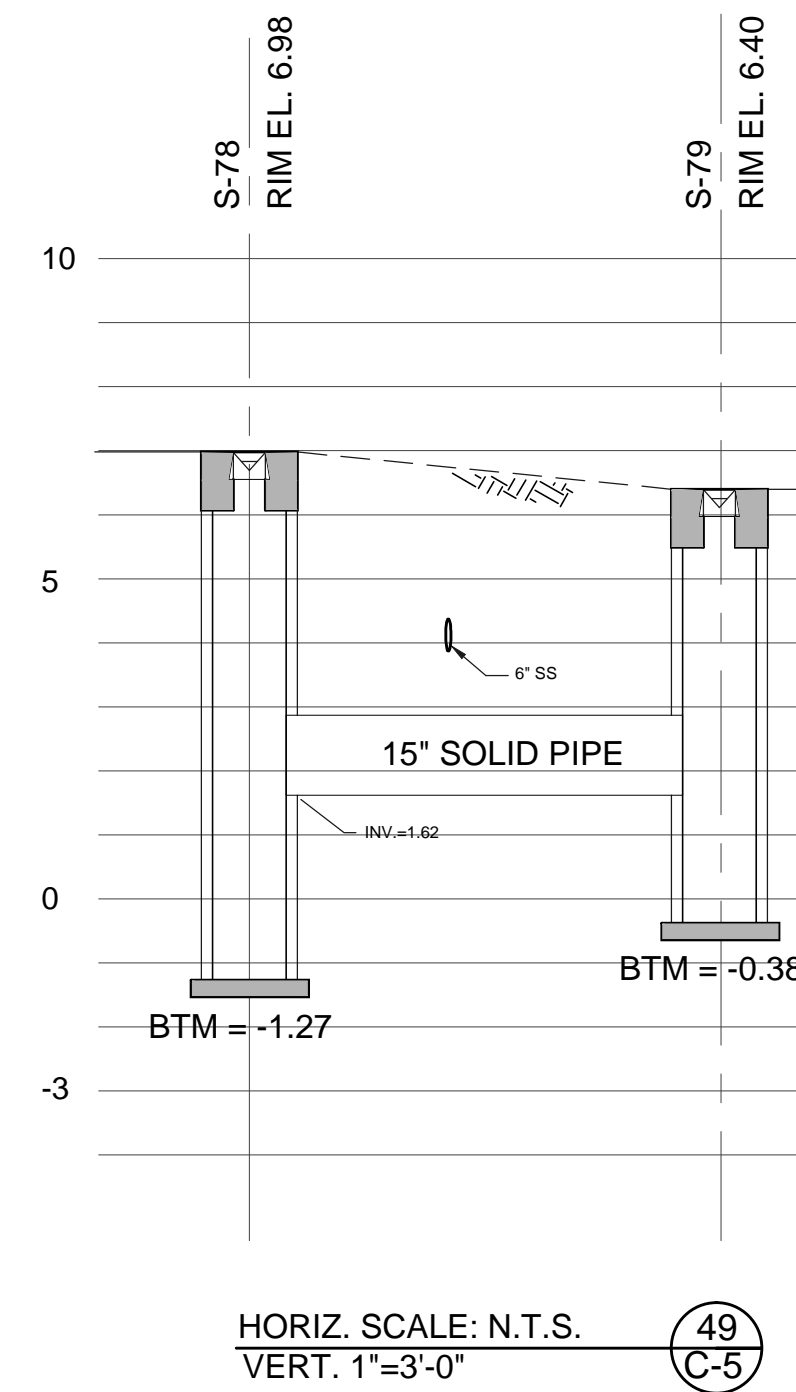
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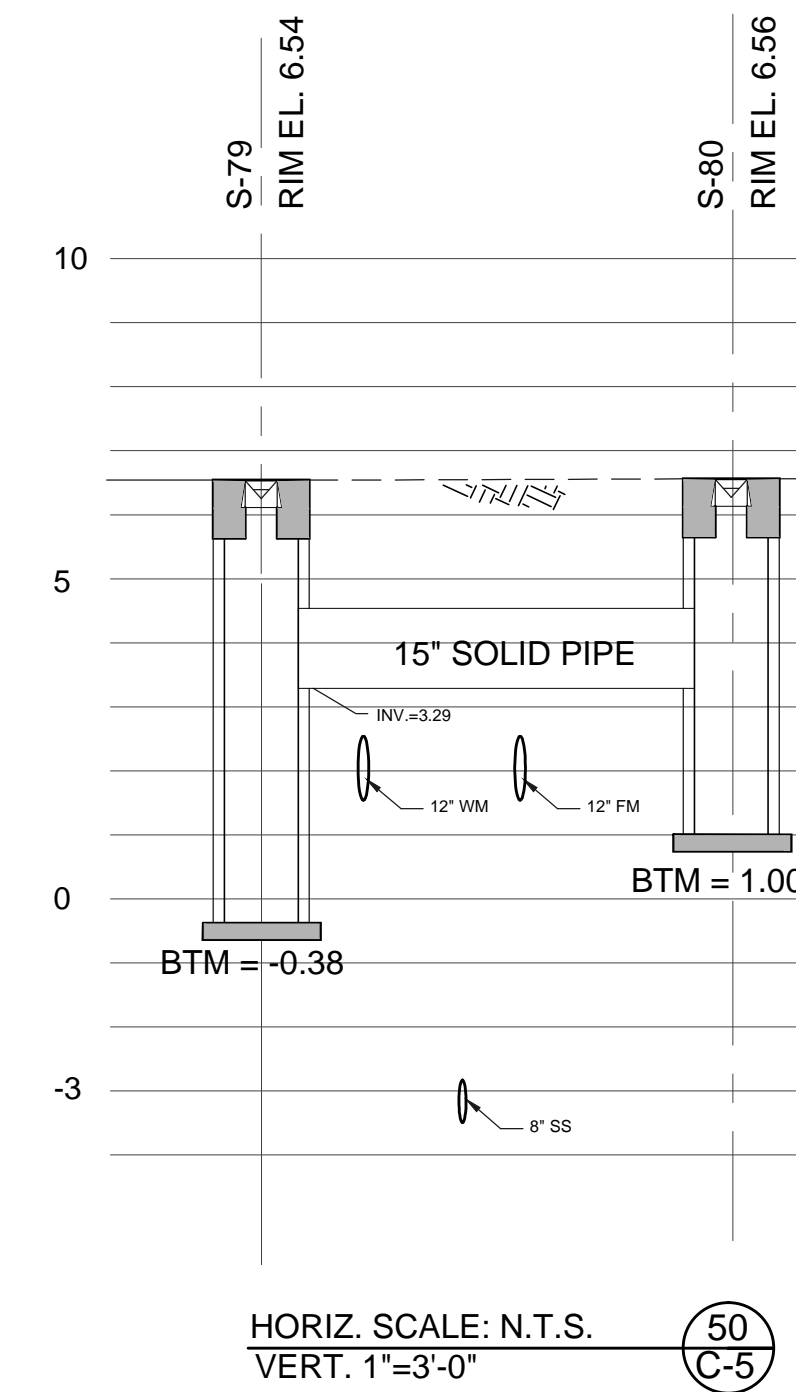
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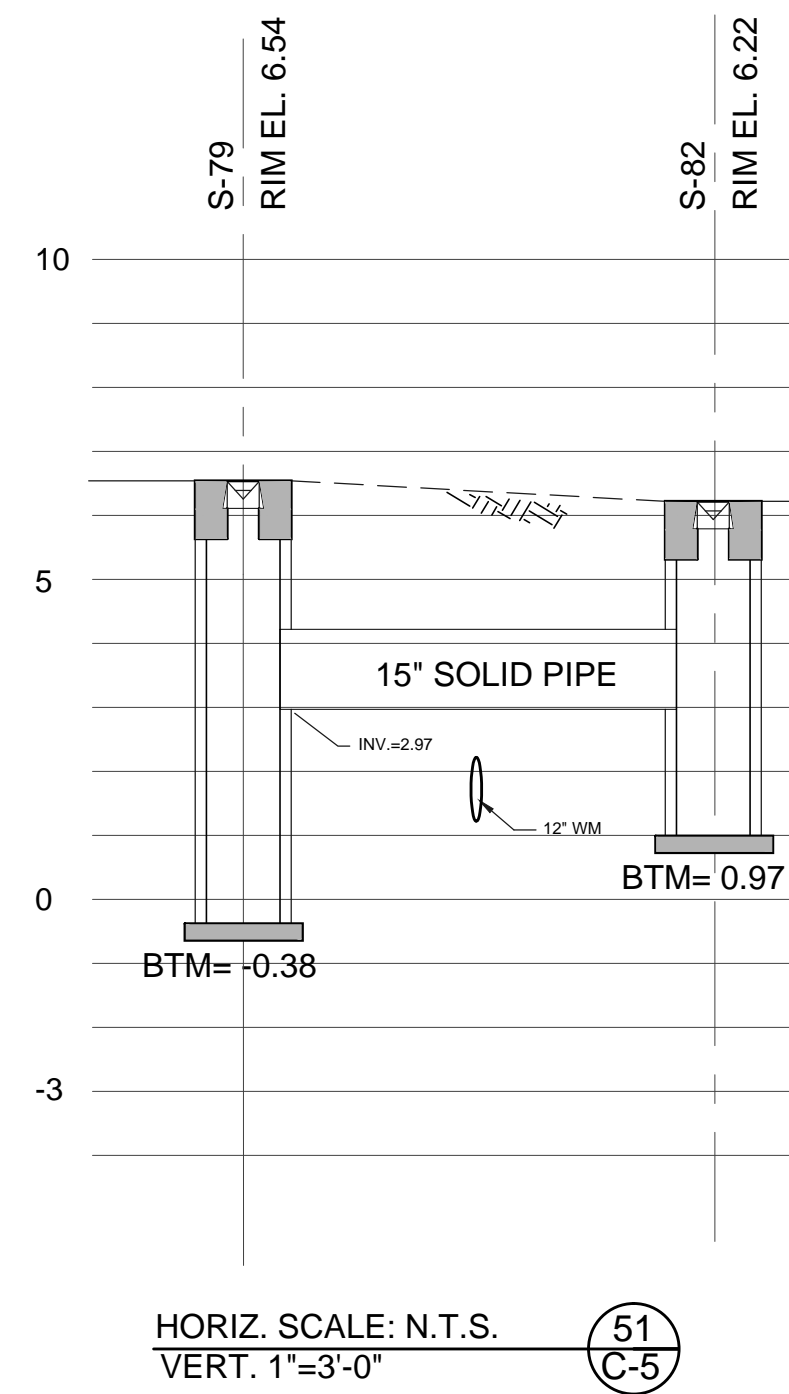
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DRAINAGE CONFLICT SECTION



DRAINAGE CONFLICT SECTION



DRAINAGE CONFLICT SECTION

