# SITE CONSTRUCTION PLANS FOR
# STEVEN CARTER
# PELICAN PLACE ROAD
# ORANGE BEACH, AL

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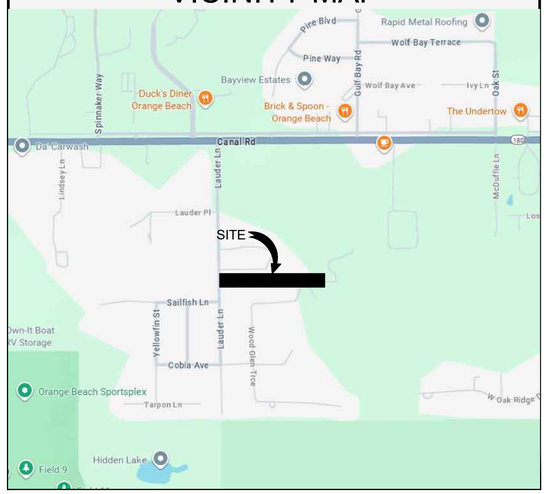
## VICINITY MAP







## LOCATION MAP


MP DESIGN GROUP
MACHADO · PATANO · KILPATRICK · JONES
918 Howard Ave Suite F
Biloxi, Mississippi 39530
P: 228.388.1950
www.mpdesigngroup.us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**PELICAN PLACE ROAD EXPANSION**

**OBA BAYSIDE**

PELICAN PLACE
ORANGE BEACH, AL 36561

| | |
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| SCALE: | AS INDICATED |
| PROJECT NO: | 0001.25.012 |
| DRAWN BY: | MBN |
| CHECKED BY: | GWK |

**TITLE SHEET**

| NO. | DATE | REVISION / SUBMITTAL |
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**T001**

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1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY


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## SITE DEMOLITION NOTES

1. THE CONTRACTOR SHALL CALL ALABAMA ONE CALL (1-800-292-8525) BY LAW TO LOCATE ALL EXISTING UTILITIES ON SITE PRIOR TO THE START OF HIS WORK.
2. CONTRACTOR SHALL MAINTAIN EROSION AND SEDIMENT CONTROLS DURING THE ENTIRE COURSE OF WORK AS DETAILED ON THE STORM WATER POLLUTION PREVENTION PLANS. AND IN ACCORDANCE WITH THE STATE STORM WATER POLLUTION PREVENTION REQUIREMENTS.
3. ALL MATERIALS TO BE DEMOLISHED SHALL BE RECYCLED OR SALVAGED ACCORDING TO THE CONTRACTOR'S WASTE MANAGEMENT PLAN. ALL OTHER MATERIALS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF OFF SITE IN A LEGAL LANDFILL. CONTRACTOR IS NOT ALLOWED TO STOCKPILE NON-RECYCLED OR NON-SALVAGED DEMOLITION MATERIALS ON SITE. ALL MATERIALS SHALL BE REMOVED IN A TIMELY FASHION.
4. WITHIN THE LIMITS OF WORK AND THE VICINITY OF CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY FENCING AROUND TREES TO REMAIN AND PROTECT SAID TREES DURING CONSTRUCTION.
5. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE ASSOCIATED UTILITY COMPANY AND COORDINATING ANY REQUIRED DISCONNECTS AND/OR CONNECTIONS TO EXISTING UTILITIES.
6. FINAL SITE CLEARING - THE SITE SHALL BE CLEAR OF ALL DEBRIS, DEMOLITION RELATED AND NON-RELATED (SITE TRASH).

## SURVEY LEGEND

| | |
|---|---|
| ● IRF | DENOTES IRON ROD FOUND |
| ◉ IPF | DENOTES IRON PIPE FOUND |
| ○ IRS | DENOTES IRON ROD SET |
| ⨯ CMF | DENOTES CONCRETE MONUMENT FOUND |
| (MEAS) | DENOTES MEASURED THIS SURVEY |
| (DEED) | DENOTES PER RECORDED DEED |
| | DENOTES TRAFFIC SIGN |
| MB | DENOTES MAILBOX |
| | DENOTES WATER VALVE |
| W | DENOTES WATER METER |
| | DENOTES FIRE HYDRANT |
| | DENOTES SANITARY SEWER CLEANOUT |
| S | DENOTES SANITARY SEWER MANHOLE |
| | DENOTES UTILITY POLE |
| | DENOTES UTILITY POLE GUY WIRE |
| FO | DENOTES FIBER OPTIC JUNCTION BOX |
| G | DENOTES GAS VALVE |
| ohe | DENOTES OVERHEAD POWER LINE |
| fo | DENOTES FIBER OPTIC LINE |
| w | DENOTES WATER LINE |
| ss | DENOTES GRAVITY SEWER LINE |
| g | DENOTES GAS LINE |

## STORMWATER POLLUTION PREVENTION NOTES

1. STOCKPILE TOPSOIL REMOVED FROM ROADWAY AREAS FOR USE LATER IN PLANTING PERMANENT GRASS ON ALL DISTURBED AREAS NOT USED AS PAVED ROADS, BUILDINGS ETC. CONTRACTOR SHALL PERFORM STOCKPILE PROTECTION AS REQUIRED TO PREVENT EROSION AND LOOSE DIRT FROM BEING WASHED FROM THE STOCKPILE.
2. CONTRACTOR SHALL STAGE, TIME AND SEQUENCE CONSTRUCTION TO MINIMIZE THE SIZE OF EXPOSED SOIL AREAS AND THE TIME BETWEEN EXPOSING THE SOIL AREA AND FINISHING THE SOIL AREA.
3. AS SOON AS GRADING IS COMPLETE IN AN AREA, THE CONTRACTOR SHALL STABILIZE THE SOIL. FOR LONG, NARROW AREAS OR STEEP GRADES (GREATER THAN 3:1), THE CONTRACTOR SHALL STABILIZE CONTINUOUSLY DURING GRADING OPERATIONS. ROUGH GRADED AREAS SHOULD BE STABILIZED WITH TEMPORARY EROSION CONTROL IF FINAL GRADING AND STABILIZATION WILL NOT BE PERFORMED WITHIN FIVE (5) DAYS. FAILURE TO STABILIZE IN A TIMELY MANNER AFTER GRADING MAY BE CONSIDERED A VIOLATION OF PERMITS OBTAINED FOR SAID ACTIVITY AND MAY BE SUBJECT TO CORRECTIVE ACTION BY THE LOCAL, STATE OR FEDERAL GOVERNING AUTHORITY.
4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR PERFORMING A TASK TO PROVIDE EROSION CONTROL UNLESS ANOTHER PARTY HAS BEEN PREVIOUSLY SPECIFIED AS RESPONSIBLE FOR THE EROSION CONTROL ASSOCIATED WITH THAT TASK. IN THE EVENT ANOTHER PARTY IS RESPONSIBLE FOR EROSION CONTROL, THE CONTRACTOR SHALL STILL BE RESPONSIBLE FOR COORDINATION WITH THE PARTY RESPONSIBLE. IN THE EVENT THAT DAMAGE TO THE CONSTRUCTED ITEM RESULTS DUE TO LACK OF EROSION CONTROL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF SAID EROSION CONTROL ITEMS AT NO CHARGE TO THE OWNER.
5. TEMPORARY EROSION CONTROL SHALL CONSIST OF TEMPORARY GRASS, TEMPORARY MULCH, TEMPORARY SOD, ARTIFICIAL COVERINGS, BALED HAY OR STRAW, SILT FENCES AND TURBIDITY BARRIERS AS SHOWN ON THE CONSTRUCTION DRAWINGS AND IN ACCORDANCE WITH THE BEST MANAGEMENT PRACTICES MANUAL FROM THE ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT, LATEST EDITION.
6. PERMANENT EROSION CONTROL SHALL CONSIST OF SEED, SEED AND MULCH, HYDRO-SEEDING, SOD AND/OR ARTIFICIAL COVERINGS AS SHOWN ON THE CONSTRUCTION PLANS AND IN ACCORDANCE WITH THE BEST MANAGEMENT PRACTICES MANUAL FROM THE ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT, LATEST EDITION.
7. TEMPORARY EROSION CONTROL BY ARTIFICIAL COVERINGS SHALL CONSIST OF STRAW BLANKETS, COCONUT FIBER BLANKETS, POLYESTER BLANKETS, JUTE MESH AND DRAINAGE FABRICS. MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. SEEDING SHALL BE INCLUDED IF MATERIAL REQUIRES VEGETATION TO FUNCTION PROPERLY.
8. THE CONTRACTOR IS TO PROVIDE EROSION CONTROL/SEDIMENTATION BARRIER (HAY BALES, SILT FENCE, TURBIDITY BARRIER OR AS SPECIFIED IN THE CONSTRUCTION DRAWINGS) TO PREVENT SILTATION OF ADJACENT PROPERTY, STREETS, STORM SEWERS, WATERWAYS AND WETLAND OR JURISDICTIONAL AREAS. IF, IN THE OPINION OF THE ENGINEER AND/OR REGULATORY AUTHORITIES, EXCESSIVE QUANTITIES OF MATERIAL ARE TRANSPORTED OFF-SITE BY EROSION OR STORMWATER RUNOFF, THE CONTRACTOR SHALL IMPROVE CONDITIONS TO THE SATISFACTION OF THE ENGINEER AND/OR LOCAL, STATE OR FEDERAL GOVERNING AUTHORITIES AT NO ADDITIONAL COST TO THE OWNER. IN NO CASE SHALL CONSTRUCTION COMMENCE PRIOR TO INSTALLATION OF EROSION CONTROL/SEDIMENTATION BARRIER.
9. PLACE STONE CHECK DAM IN ALL NATURAL OR CREATED DRAINAGEWAYS WHERE PIPES DISCHARGE WATER TO TRAP SEDIMENT ON SITE AND DO NOT ALLOW IT TO GO ONTO ADJACENT PROPERTY. ALL SEDIMENT AND EROSION CONTROL STRUCTURES SHALL BE INSTALLED BY A METHOD ACCEPTABLE TO THE ENGINEER AND/OR TO THE LOCAL, STATE OR FEDERAL GOVERNING AUTHORITIES AT NO ADDITIONAL COST TO THE OWNER.
10. SEED ALL SWALES AND DITCHES TO SOME TYPE OF PERMANENT GRASS WHERE SLOPE OF LAND DOES NOT EXCEED 2%.
11. ALL SEDIMENT AND EROSION CONTROL STRUCTURES, INCLUDING BASINS, GRAVEL FILTERS, SILT FENCE AND TRAPS SHALL BE INSPECTED EVERY 7 DAYS AND AFTER ALL RAINFALLS IN EXCESS OF 0.5". AN INSPECTION REPORT SHALL BE MADE ON EACH OCCASION, NOTING CONDITION OF ALL STRUCTURES AND OUTLINING ANY REQUIRED MAINTENANCE. ALL STRUCTURES SHALL BE CLEANED AND REESTABLISHED WHEN SEDIMENT REACHES 50% OF STORAGE CAPACITY.
12. THE CONTRACTOR SHALL BE FAMILIAR WITH, AND KNOWLEDGEABLE OF, ALL FEDERAL, STATE, AND LOCAL CODES, REQUIREMENTS, REGULATIONS AND SPECIFICATIONS REGARDING THE CONSTRUCTION OF THIS PROJECT. ALL MATERIALS, WORKMANSHIP, INSTALLATION AND RESTORATION SHALL MEET OR EXCEED MINIMUM REQUIREMENTS. LACK OF DETAILS ON THE PLANS OR ABSENCE OF SPECIFIC INFORMATION SHALL NOT RELIEVE THE CONTRACTOR OF COMPLYING WITH ALL APPLICABLE CODES, REQUIREMENTS AND SPECIFICATIONS.
13. PROVIDE A TEMPORARY STONE SPLASH PAD AT ALL FIRE HYDRANTS OR OTHER POINTS OF DISCHARGE DURING TESTING OF THE WATER DISTRIBUTION SYSTEM.
14. CUT OR FILL SLOPES WHICH EXCEED (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED DAILY UNTIL THE SLOPE IS BROUGHT TO GRADE.
15. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED. ANY ADDITIONAL TEMPORARY CONTROL DEVICES THAT MAY BE REQUIRED SHALL BE PROVIDED AS PART OF THIS PROJECT AT NO ADDITIONAL COST TO THE OWNER.
16. THE PROPOSED WORK ITEMS SHOWN ON THESE PLANS DOES NOT RELIEVE THE CONTRACTOR OF ENSURING THAT ALL LOCAL, STATE AND FEDERAL REQUIREMENTS FOR STORM WATER POLLUTION PREVENTION, WATER QUALITY AND ILLEGAL POINT SOURCE DISCHARGE ARE STRICTLY ADHERED TO. ANY AND ALL ACTION NECESSARY TO BE IN COMPLIANCE WITH ALL REGULATIONS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

## SEQUENCING OF SITE WORK AND RELATED EROSION CONTROL DEVICES

THE CONSTRUCTION PHASE SHOULD BE DIVIDED INTO THREE PHASES OF BEST MANAGEMENT PRACTICES IMPLEMENTATION (BMP). THE FOLLOWING IS A SUGGESTED PHASING PROCESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THE CONSTRUCTION PLANS, ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT BEST MANAGEMENT PRACTICES MANUAL, LATEST EDITION AND ANY OTHER INFORMATION THAT MAY BE RELEVANT TO THE IMPLEMENTATION AND PREPARATION OF A STORMWATER POLLUTION PREVENTION PLAN BEST SUITED FOR THIS PROJECT:

PHASE I: START UP AND PERIMETER CONTROLS

- CONTRACTOR SHALL POST ALL SITE AND STORMWATER CONTROL PERMITS AS REQUIRED BY EACH INDIVIDUAL PERMIT.
- CONTRACTOR SHALL INSTALL PERIMETER CONTROLS. PREFERABLY, THESE SHOULD BE INSTALLED AFTER CLEARING AND PRIOR TO ANY GRUBBING OF THE SITE. FOR LARGER AREAS, CLEARING OF AN AREA THE WIDTH OF A BULLDOZER AND INSTALLING THE PERIMETER CONTROLS SHOULD BE PERFORMED PRIOR TO CLEARING THE INTERIOR PORTIONS OF THE SITE.
- HOLD PRE-CONSTRUCTION CONFERENCE AT LEAST ONE (1) WEEK PRIOR TO STARTING CONSTRUCTION AND PERFORM WEEKLY REVIEWS OF THE EROSION SEDIMENT AND STORMWATER CONTROL PLAN.
- REMOVE VEGETATION, UNDERGROWTH AND TOP SIX (6) INCHES OF ORGANIC MATERIAL FROM THE SITE AND STOCKPILE TOPSOIL. CONTRACTOR SHALL PERFORM STOCKPILE PROTECTION AS REQUIRED TO PREVENT LOOSE DIRT FROM BEING WASHED FROM THE STOCKPILE.
- PLACE TEMPORARY SANITARY FACILITIES AND DUMPSTERS.

PHASE II: INTERMEDIATE CONTROLS

- INTERMEDIATE CONTROLS ARE IMPLEMENTED FROM GRUBBING TO FINAL GRADE. THIS INCLUDES INSTALLATION OF SUBSURFACE DRAINAGE, INLETS AND UTILITIES AND BRINGING THE SITE TO FINAL GRADE. DURING THIS PHASE, THE EXTENT AND DURATION OF EXPOSURE OF UN-STABILIZED AREAS IS GREATEST. THE CONTRACTOR SHALL TAKE ANY ADDITIONAL MEASURES REQUIRED TO PREVENT ADDITIONAL STORMWATER OR SEDIMENTATION RUNOFF AT NO ADDITIONAL COST TO THE OWNER.

PHASE III: FINAL CONTROLS

- THESE CONTROLS ARE IMPLEMENTED TO ACHIEVE FINAL STABILIZATION OF THE SITE. THE CONSTRUCTION OF HARD SURFACES AND FINAL PAVEMENT, STRUCTURES AND UTILITIES ARE INSTALLED. THIS PHASE ESTABLISHES THE PERMANENT VEGETATION, RETENION/DETENTION PONDS FACILITIES AND THE INSTALLATION OF ANY OUTLET PROTECTIONS, ENERGY DISSIPATERS ROCK CHECK DAMS, ETC. AT FINAL STABILIZATION, USEPA (1992) GUIDELINES STATES THAT PERMANENT VEGETATION MUST BE UNIFORMLY ESTABLISHED ON AT LEAST 70 PERCENT OF SOIL SURFACES NOT COVERED WITH EROSION-RESISTANT SURFACES (PAVEMENTS, BUILDINGS, ETC.). ALL PERMANENT DRAINAGE IMPROVEMENTS MUST BE INSTALLED AND TESTED TO VERIFY THAT THEY PERFORM AS DESIGNED. THE STORMWATER MANAGEMENT SYSTEM SHOULD BE CHECKED AND CLEANED OF ANY ACCUMULATED SEDIMENTS. TEMPORARY BMP'S NOT REQUIRED AS PART OF THE PERMANENT STABILIZATION OR BMP PLAN SHALL BE REMOVED AND PROPERLY DISPOSED OF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ANY AND ALL SEDIMENT, DEBRIS, ETC., FROM THE STORMWATER INLETS, PIPE SYSTEMS, RETENTION/DETENTION PONDS, ETC. AS MAY BE REQUIRED TO CREATE A FULLY FUNCTIONAL STORMWATER MANAGEMENT SYSTEM AT NO ADDITIONAL COST TO THE OWNER.

## OTHER POLLUTION SOURCES CONTROL NOTES

1. MAINTENANCE AND REPAIR OF CONSTRUCTION EQUIPMENT SHALL BE CONFINED TO ONE AREA - LOCATED ON A LEVEL AREA, AS FAR FROM CREEKS AND WETLANDS AREAS AS POSSIBLE. STORAGE CONTAINERS AND WASTE DISPOSAL RECEPTACLES SHALL BE PROVIDED AT THIS AREA FOR OILS, FUELS, GREASE, SOLVENTS, ETC., THAT ARE USED ON THE SITE. THE MAINTENANCE AREA SHALL BE INSPECTED AND CLEANED DAILY. DISPOSAL RECEPTACLES SHALL BE EMPTIED WEEKLY, PROPERLY AND IN A LEGAL MANNER.
2. ANY FUEL STORAGE TANKS KEPT ON THE SITE SHALL BE PROVIDED WITH SECONDARY CONTAINMENT; THIS SHALL CONSIST OF A PAN UNDER THE TANK, LINED CONTAINMENT AREA WITH BERMS OR CONCRETE CONTAINMENT AREA, TO CONTAIN ANY LEAKAGE OR SPILLAGE WHICH MAY OCCUR FROM THE TANK DURING USE AND NON-USE TIMES.
3. TRASH RECEPTACLES AND OTHER WASTE-HOLDING FACILITIES SHALL BE UTILIZED AT ONE OR TWO LOCATIONS ON THE PROJECT SITE TO CONTAIN WASTES AND PREVENT ITS MOVEMENT DOWN-GRADE OR OFFSITE. THESE FACILITIES SHALL BE EMPTIED AND WASTE DISPOSED OF ON A WEEKLY BASIS, OR MORE OFTEN AS NEEDED.
4. THE CONTRACTOR SHALL TAKE NECESSARY ACTION AS REQUIRED TO MINIMIZE THE TRACKING OF MUD/SOIL ONTO THE PAVED ROADWAY FROM THE CONSTRUCTION AREA. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
5. WASHING OF CONSTRUCTION VEHICLES ON THE SITE WILL NOT BE ALLOWED. VEHICLES SHALL BE TRANSPORTED TO THE CONTRACTOR'S YARD AND WASHED AS NEEDED.
6. THE STORAGE OF ALL HAZARDOUS MATERIALS, FERTILIZERS, CHEMICALS, CEMENTS, SOLVENTS, PAINTS, OR OTHER POTENTIAL WATER POLLUTANTS SHALL BE LOCATED IN AN ISOLATED, LEVEL AREA, FAR FROM CREEK/WETLAND AREAS, WHERE THEY WILL NOT CAUSE POLLUTION DUE TO RUNOFF FROM THEM DURING RAINFALL EVENTS AND SHALL BE STORED IN A HAZMAT APPROVED FACILITY. ALL MSDS SHEETS FOR EACH HAZARDOUS MATERIAL SHALL BE KEPT IN THE HAZMAT STORAGE FACILITY AND A COPY OF THE MSDS SHEET SHALL BE KEPT IN THE GENERAL CONTRACTOR'S OFFICE. TOXIC CHEMICALS AND MATERIALS, SUCH AS PESTICIDES, PAINTS AND ACIDS, SHALL BE STORED ACCORDING TO THE MANUFACTURER'S GUIDELINES. CARE SHALL BE TAKEN TO PREVENT ACCIDENTAL SPILLAGE DURING USE OF THE MATERIALS. CONTAINERS SHALL NOT BE WASHED IN OR NEAR FLOWING STREAMS OR STORMWATER HANDLING SYSTEMS (INLETS, DITCHES, PONDS, ETC.).
7. ADEQUATE SANITARY FACILITIES SHALL BE PROVIDED FOR WORKERS ON THE SITE IN ACCORDANCE WITH HEALTH DEPARTMENT REGULATIONS. THESE FACILITIES SHALL BE REGULARLY EMPTIED AND MAINTAINED AND PLACED AWAY FROM CREEKS/WETLANDS AS FAR AS POSSIBLE AND ANCHORED TO PREVENT OVERTURNING, AS NEEDED.
8. CONTRACTOR SHALL PERFORM A DAILY WALK THRU OF THE PROJECT SITE TO PICK UP ANY LOOSE DEBRIS, LITTER OR TRASH AND DISPOSE OF ALL ITEMS IN THE WASTE RECEPTACLES SHOWN.

## GENERAL NOTES

1. THE CONTRACTOR SHALL FURNISH THE ENGINEER WITH TWO SETS OF "AS-BUILT" DRAWINGS PRIOR TO REQUESTING A FINAL INSPECTION. THE "AS-BUILT" DRAWINGS SHALL SHOW THE LOCATIONS OF ALL SEWER AND WATER STRUCTURES, LINES, BENDS, AND APPURTENANCES. GRADES ON STORM SEWER LINES SHALL ALSO BE FURNISHED ON "AS-BUILT" DRAWINGS.
2. INSTALLATION OF ANY GRAVITY FLOW PIPE, SUCH AS SANITARY SEWER OR STORM DRAIN, SHALL REQUIRE THAT THE CONTRACTOR START AT THE LOWEST CONNECTION POINT ELEVATION, AND WORK IN THE UPHILL DIRECTION. IF, IN THE BEST INTEREST OF THE PROJECT, THE CONTRACTOR WISHES TO INITIATE PIPE LAYING AT SOME LOCATION OTHER THAN THE LOWEST CONTROL, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM A SATISFACTORY CONNECTION TO THE LOWEST CONTROL, PRIOR TO BEGINNING CONSTRUCTION AT SOME POINT OTHER THAN THE LOWEST CONTROL ELEVATION, THE CONTRACTOR SHALL REQUEST, IN WRITING, AND RECEIVE, IN WRITING, APPROVAL FROM THE DESIGN ENGINEER, WHOSE NAME APPEARS ON THESE PLANS. SANITARY SEWER MAINS OR SERVICES WITH LESS THAN THREE FEET OF COVER SHALL BE DUCTILE IRON PIPE. WHEREVER A SANITARY SEWER SERVICE CROSSES OVER OR UNDER A STORM DRAIN PIPE AND/OR A WATER MAIN, THE SERVICE SHALL BE EXTENDED A MINIMUM OF FIVE FEET BEYOND THE FURTHEST PIPELINE. IN NO CASE, WITHOUT THE ENGINEERS WRITTEN APPROVAL, SHALL THE CONTRACTOR TERMINATE THE SANITARY SEWER SERVICE AT A LOCATION THAT WOULD REQUIRE THE BUILDING PLUMBER TO CROSS THE STORM DRAIN PIPE AND/OR WATER MAIN.

## SITE NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS FOR THIS PROJECT PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION OR DEMOLITION.
2. CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION TO PREVENT DAMAGE TO ALL TREE ROOTS DURING ENTRENCHING AND ANY OTHER CONSTRUCTION THAT MAY ENDANGER THE HEALTH OF THE TREES ACCORDING TO THE LOCAL MUNICIPALITIES REQUIREMENTS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ANY AND ALL UTILITY COMPANIES IN REGARDS TO UTILITIES THAT MAY NEED TO BE RELOCATED AS PART OF THIS WORK.
4. CONTRACTOR SHALL PROVIDE PROPER TRAFFIC CONTROL WARNING SIGNS THROUGH THE DURATION OF THE PROJECT. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), LATEST EDITION.
5. CONTRACTOR SHALL NOTIFY ALL AGENCIES AT LEAST SEVENTY-TWO (72) HOURS IN ADVANCE OF ANY ROAD CLOSINGS. THIS NOTIFICATION SHALL INCLUDE, BUT NOT BE LIMITED TO, POLICE, FIRE AND SCHOOL ALONG WITH ALL REGULATORY AND GOVERNMENTAL AGENCIES.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR PUBLIC NOTICE OF EACH ROAD CLOSING. CONTRACTOR SHALL FOLLOW ALL GUIDELINES FOR PUBLIC NOTICE AS ESTABLISHED BY CITY, COUNTY AND/OR STATE OFFICIALS. ANY DELAY IN CONSTRUCTION DUE TO CONTRACTOR NOT NOTIFYING THE PROPER AUTHORITIES OR NOT FOLLOWING THE REGULATORY AGENCY REQUIREMENTS SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
7. IF TRAFFIC INTERRUPTIONS ARE REQUIRED, THEY SHALL BE KEPT TO A MINIMUM AND THE CONTRACTOR SHALL BE SUBJECT TO LOCAL LAWS IN REGARDS TO TRAFFIC INTERRUPTIONS.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF TREES SHOWN TO REMAIN. CONTRACTOR SHALL PROTECT TREES AS REQUIRED BY THE LOCAL MUNICIPALITIES TREE ORDINANCE AND/OR LAND DEVELOPMENT CODE.
9. ALL PERVIOUS AREAS DISTURBED DURING CONSTRUCTION SHALL RECEIVE NEW SOD OR SHALL BE SEEDED OR MULCHED. MINIMUM, AFTER COMPLETION AND APPROVAL OF WORK IN THAT AREA.
10. CONTRACTOR SHALL INSTALL HANDICAP PARKING, SYMBOLS AND RAMPS PER A.D.A. REQUIREMENTS.
11. CONTRACTOR SHALL STRIPE ALL HANDICAP PARKING SPACES BLUE. ALL OTHER STRIPING SHALL BE WHITE.
12. ANY EXISTING SITE DEBRIS AND/OR EXISTING STRUCTURES SHALL BE COMPLETELY REMOVED PRIOR TO CONSTRUCTION AS PER DEMOLITION PLAN.

## SITE LAYOUT NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AS SHOWN ON THE PLANS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER.
2. EXTREME CARE HAS BEEN TAKEN IN DETERMINING LAYOUT DIMENSIONS. CONTRACTOR SHALL ONLY SCALE AREAS IN WHICH NO DIMENSION IS SHOWN. CONTRACTOR SHALL VERIFY SCALE AND CONTACT ENGINEER IF ANY DISCREPANCIES OCCUR. IN NO CASE SHALL CONTRACTOR SCALE THE DRAWING TO OVERRIDE A SHOWN DIMENSION.
3. CONTRACTOR SHALL CONSULT AND VERIFY ALL BUILDING DIMENSIONS WITH THE BUILDING PLANS AND THE FOUNDATION PLANS. IF ANY DISCREPANCIES ARISE, THE BUILDING PLANS AND/OR THE FOUNDATION PLAN OVERRIDE ANY DIMENSIONS ON THIS PLAN. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ENGINEER IF ANY SAID DISCREPANCIES MAY AFFECT THE LAYOUT OF THE SITE PLAN.

## SITE GRADING & DRAINAGE NOTES

1. EXISTING CONTOUR INTERVALS SHOWN ARE HALF FOOT (0.5').
2. PROPOSED CONTOUR INTERVALS SHOWN ARE HALF FOOT (0.5').
3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING STORM SEWER STRUCTURES, PIPES, ETC., AND ALL UTILITIES PRIOR TO CONSTRUCTION.
5. CLEARING AND GRUBBING LIMITS SHALL INCLUDE ALL AREAS DISTURBED BY GRADING OPERATIONS. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UNDISTURBED AREAS, ALL PROPERTY CORNERS AND REPLACING ALL PINS ELIMINATED OR DAMAGED DURING CONSTRUCTION.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH ALL LOCAL GOVERNING CODES AND SHALL COMPLY WITH SAID CODES.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURBS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN THE EXISTING CONDITIONS.

## UTILITY NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING LOCATIONS OF ALL PROJECT RELATED UTILITIES, BURIED AND ABOVE GROUND, REGARDLESS OF INCLUSION ON THESE PLANS. THE LOCATIONS OF ANY EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATIONS OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. ALL CONTRACTOR DAMAGED UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
2. SITE CONTRACTOR SHALL BE RESPONSIBLE FOR STUB OUT OF ALL UTILITIES TO WITHIN 5' OF THE BUILDING. SITE CONTRACTOR SHALL COORDINATE LOCATION AND STUB OUT REQUIREMENTS PER ARCHITECTURAL/PLUMBING/ELECTRICAL, ETC. PRIOR TO COMMENCEMENT OF CONSTRUCTION. TIE IN LOCATIONS WERE SHOWN AS PER SURVEY OR LOCATED/PROVIDED BY LOCAL UTILITY AUTHORITY AND EXACT LOCATIONS HAVE NOT BEEN VERIFIED. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LOCAL UTILITY DEPARTMENT TO VERIFY LOCATION OF SEWER AND WATER CONNECTIONS.
3. CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY AT LEAST 48 HOURS PRIOR TO COMMENCING CONSTRUCTION HAVING POTENTIAL IMPACT TO THE UTILITY'S STRUCTURE.
4. WATER SERVICE SHALL BE MAINTAINED TO ALL EXISTING CUSTOMERS; IF ANY SERVICE MUST BE INTERRUPTED, THE AFFECTED CUSTOMERS SHALL BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE BY THE CONTRACTOR.
5. CONTRACTOR SHALL PROVIDE A MINIMUM COVER OF 36", MINIMUM, ON ALL WATER MAINS.
6. NEW WATER MAIN SHALL MAINTAIN 18" VERTICAL SEPARATION BETWEEN WATER MAIN AND STORM DRAIN PIPES, WHERE CROSSINGS OCCUR. WATER MAIN SHALL BE ROUTED OVER STORM PIPE WHEREVER POSSIBLE.
7. ALL WATER LINE FITTINGS 4 INCHES IN DIAMETER AND LESS SHALL BE OF THE SAME MATERIAL AS THE PIPE (i.e., PVC) AND SHALL BE CONSISTENT THEREWITH IN STRENGTH, DIMENSIONS AND FUNCTION.
8. CONTRACTOR SHALL INSTALL THRUST BLOCKS AT ALL BENDS AND FITTINGS (SEE DETAIL SHEET).
9. CONTRACTOR SHALL INSTALL LOCATOR WIRE AROUND ALL NEW INSTALLED PIPE AND FITTINGS.
10. ALL PROPOSED POTABLE WATER LINE FITTINGS, FIRE HYDRANTS AND ALL OTHER WATER LINE PIPING MATERIALS AND FITTINGS FOR THIS PROJECT SHALL BE AWWA APPROVED.
11. CONTRACTOR SHALL INSTALL ALL WATER LINES AND FITTINGS AS PER MANUFACTURER'S INSTALLATION RECOMMENDATIONS.
12. EXISTING WATER AND SANITARY SERVICE LINES SHOWN ARE APPROXIMATE LOCATIONS ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THESE LINES LOCATED AND COORDINATE TIE IN LOCATIONS WITH THE BUILDING CONTRACTOR.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTING BUILDING SANITARY SEWER PIPE ELEVATION AND DETERMINE THE ELEVATION REQUIRED TO CONNECT TO THE EXISTING SEWER LINES.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL SEWER LINES TO INSURE POSITIVE FLOW OF SEWER LINES.
15. THESE PLANS ARE SUBJECT TO APPROVAL BY THE LOCAL GOVERNING MUNICIPALITY AND ANY OTHER GOVERNING AUTHORITY.
16. ENGINEER HAS ATTEMPTED TO UTILIZE APPARENT EXISTING UTILITIES ON THE SITE, HOWEVER THE FUNCTION OR FEASIBILITY OF UTILIZING THESE APPARENT UTILITIES HAS NOT BEEN FIELD VERIFIED. THE ENGINEER DOES NOT WARRANT TO THE OWNER OR THE CONTRACTOR THAT THESE UTILITIES CAN BE USED. THIS SHOULD BE FIELD VERIFIED BY THE CONTRACTOR AND BE ACCOUNTED FOR APPROPRIATELY IN THE COSTING OF THE PROJECT.

## ALABAMA ONE CALL

THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES PRIOR TO ANY CONSTRUCTION (INCLUDING BUT NOT LIMITED TO: WATER LINES, SEWER LINES, ELECTRICAL AND TELECOMMUNICATION LINES, AND FIBER OPTIC CABLES.)

ALABAMA ONE CALL SYSTEM
SERVICE AT:
1-800-292-8525
OR
www.al811.org

AT LEAST 3 DAYS BEFORE ANY CONSTRUCTION

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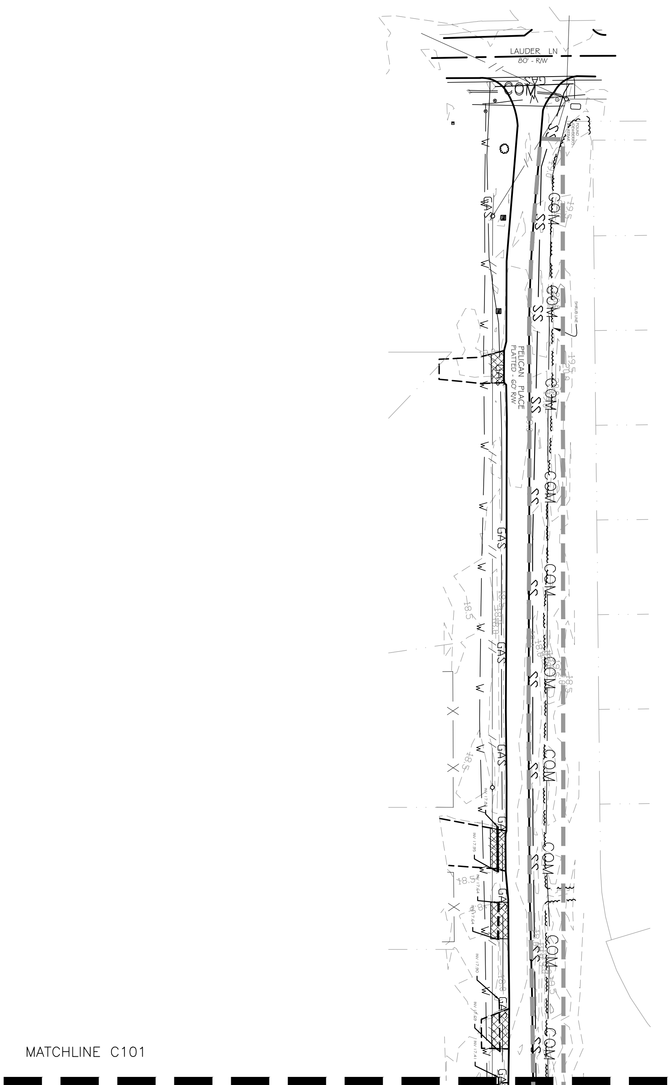
## DEMOLITION LEGEND

- DENOTES GRAVEL DRIVES AREAS AND CONCRETE DRIVEWAY TO BE REMOVED
- DENOTES CLEARING AND GRUBBING EXTENTS
- DENOTES SAWCUT LINE
- DENOTES PINE TREE

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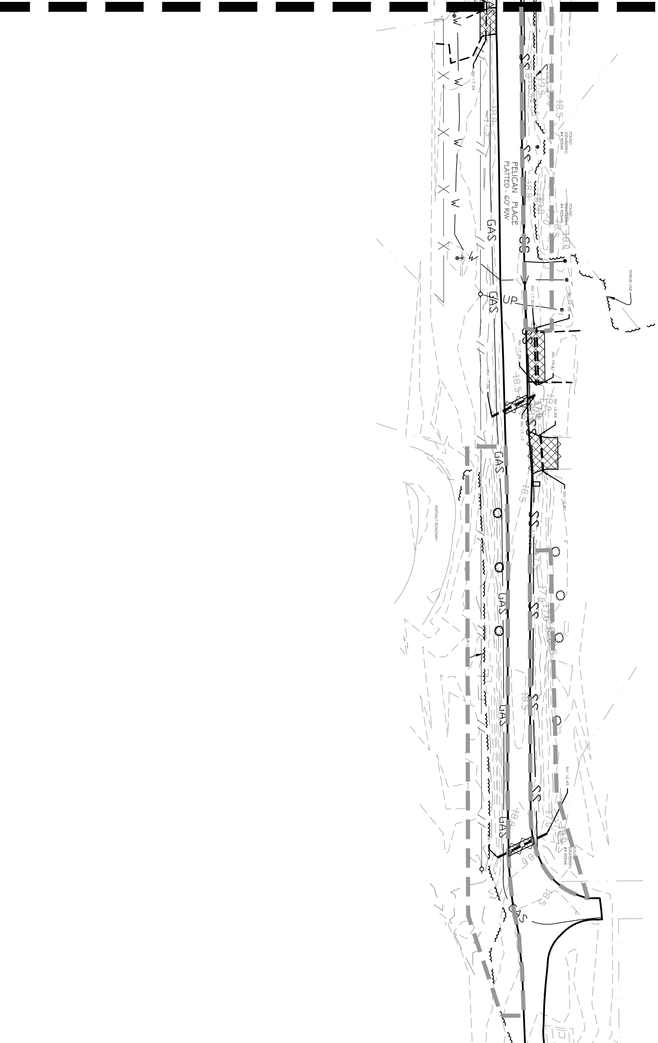


GRAPHIC SCALE
1" = 40'
0' 20' 40' 80'

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**C100**

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**EXISTING CONDITIONS AND SITE DEMOLITION PLAN KEY**

SCALE: AS INDICATED
PROJECT NO: 0001.25.012
DRAWN BY: MBN
CHECKED BY: GWK

# PELICAN PLACE ROAD EXPANSION

## OBA BAYSIDE

PELICAN PLACE
ORANGE BEACH, AL 36561

ALABAMA LICENSED
No. 27668
PROFESSIONAL ENGINEER
GREGORY W. KIRKPATRICK

MACHADO PATANO KILPATRICK JONES
DESIGN GROUP
918 Howard Ave Suite F
Biloxi, Mississipi 39530
P: 228.388.1950
www.mpdesigngroup.us

## DEMOLITION LEGEND

DENOTES GRAVEL DRIVES AREAS AND CONCRETE DRIVEWAY TO BE REMOVED

DENOTES CLEARING AND GRUBBING EXTENTS

DENOTES SAWCUT LINE

DENOTES PINE TREE

## DEMOLITION NOTES

1. CONTRACTOR SHALL REMOVE EXISTING GRAVEL DRIVE, AS REQUIRED FOR EXTENTS OF PROPOSED WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ANY AND ALL DEBRIS RELATED TO THIS ITEM.
2. CONTRACTOR SHALL REMOVE CULVERTS, AS INDICATED. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ANY AND ALL DEBRIS RELATED TO THIS ITEM.
3. CONTRACTOR SHALL SAWCUT AND REMOVE CONCRETE DRIVEWAY, AS INDICATED. CONTRACTOR SHALL REMOVE CONCRETE TO THE NEAREST JOINT. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ANY AND ALL DEBRIS RELATED TO THIS ITEM.
4. CONTRACTOR SHALL SAWCUT AND REMOVE ASPHALT PAVEMENT, AS INDICATED. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ANY AND ALL DEBRIS RELATED TO THIS ITEM.
5. CONTRACTOR SHALL RELOCATE TRAFFIC SIGNS, AS INDICATED. SEE C201 FOR NEW LOCATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ANY ALL DEBRIS RELATED TO THIS ITEM. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ALL TRAFFIC SIGNS IF DAMAGED DURING RELOCATION.
6. CONTRACTOR SHALL RELOCATE MAILBOX, AS INDICATED. SEE C202 FOR NEW LOCATION. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ANY ALL DEBRIS RELATED TO THIS ITEM. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ALL MAIL BOX IF DAMAGED DURING RELOCATION.
7. CONTRACTOR SHALL CLEAR AND GRUB AREA AS INDICATED AND REQUIRED FOR ROADWAY AND DRAINAGE IMPROVEMENTS. CLEARING AND GRUBBING SHALL INCLUDE ALL TREES THAT ARE WITHIN ROADWAY AND DRAINAGE IMPROVEMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ANY AND ALL DEBRIS RELATED TO THIS ITEM.
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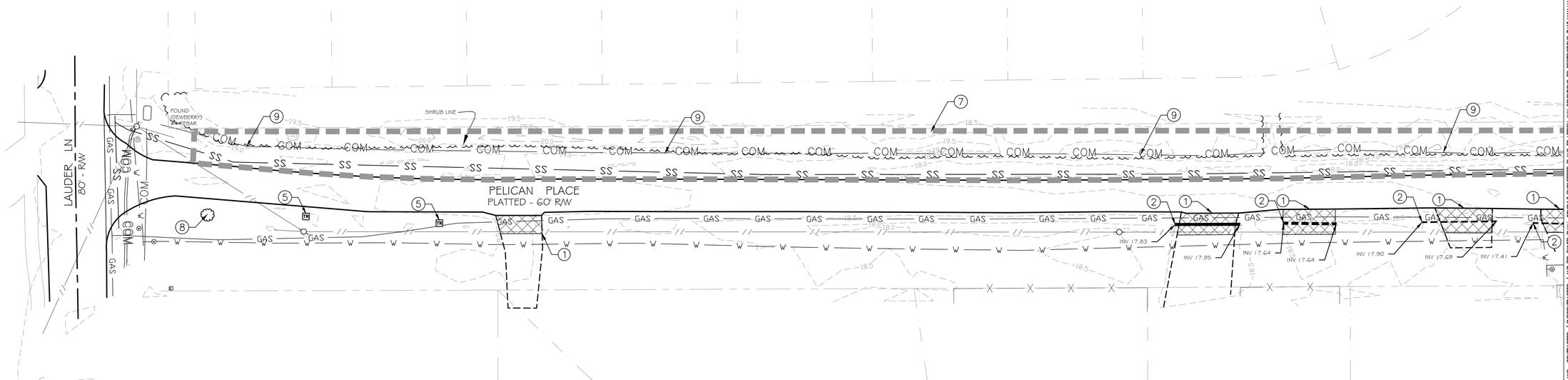


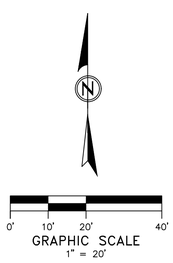


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ALABAMA LICENSED NO.27668 PROFESSIONAL ENGINEER GERROD W. KILPATRICK

# PELICAN PLACE ROAD EXPANSION

**OBA BAYSIDE**

PELICAN PLACE
ORANGE BEACH, AL 36561

| | |
|---|---|
| SCALE: | AS INDICATED |
| PROJECT NO: | 0001.25.012 |
| DRAWN BY: | MBN |
| CHECKED BY: | GWK |

## EXISTING CONDITIONS AND SITE DEMOLITION PLAN

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## DEMOLITION LEGEND

DENOTES GRAVEL DRIVES AREAS AND CONCRETE DRIVEWAY TO BE REMOVED

DENOTES CLEARING AND GRUBBING EXTENTS

DENOTES SAWCUT LINE

DENOTES PINE TREE

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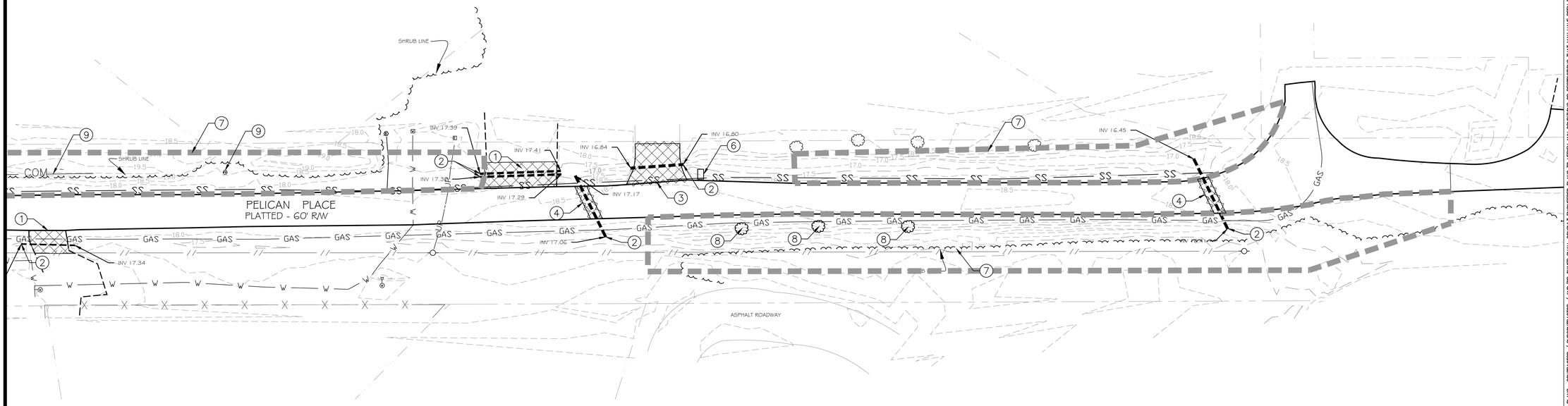


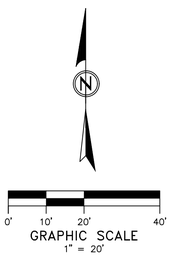



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**PELICAN PLACE ROAD EXPANSION**

**OBA BAYSIDE**

PELICAN PLACE
ORANGE BEACH, AL 36561

| | |
|---|---|
| SCALE: | AS INDICATED |
| PROJECT NO: | 0001.25.012 |
| DRAWN BY: | MBN |
| CHECKED BY: | GWK |

**EXISTING CONDITIONS AND SITE DEMOLITION PLAN**

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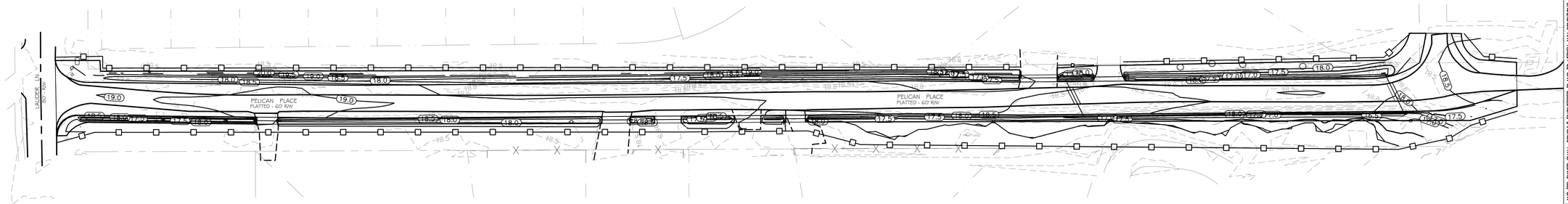
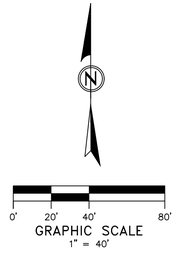
## SWPPP LEGEND

DENOTES PERIMETER CONTROL (SILT FENCE)

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# PELICAN PLACE ROAD EXPANSION

## OBA BAYSIDE

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ORANGE BEACH, AL 36561

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## STORM WATER POLLUTION PREVENTION PLAN

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## PAVEMENT LEGEND

- DENOTES EXISTING ASPHALT TO BE MILLED AND OVERLAID 1 ½", SEE C620
- DENOTES NEW ASPHALT PAVEMENT, SEE C620
- DENOTES CONCRETE PAVEMENT, SEE C620
- DENOTES GRAVEL DRIVEWAY, SEE C620
- DENOTES AREAS TO RECEIVE SOLID SODDING. ALL DISTURBED AREAS FROM PAVING TO PRIVATE PROPERTY LINES SHALL RECEIVE SODDING.

*NEW ASPHALT PORTION AND OVERLAY PORTION SHALL RECEIVE ONE CONTINUOUS SURFACE COURSE.







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## CIVIL SITE PLAN KEY

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# C200

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## PAVEMENT LEGEND

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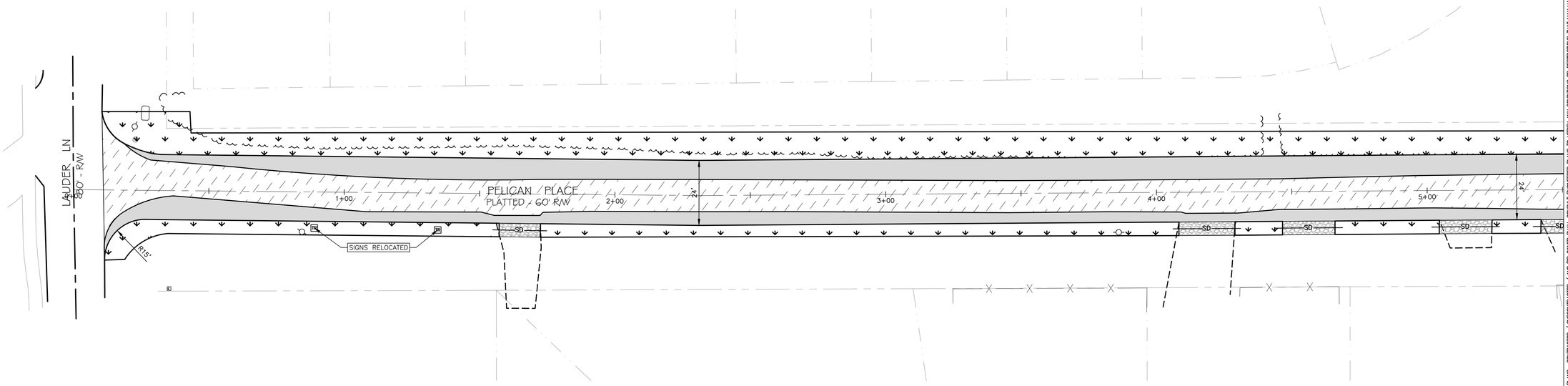


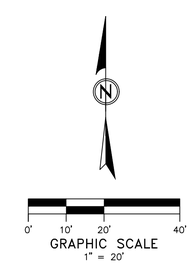


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# PELICAN PLACE ROAD EXPANSION

## OBA BAYSIDE

PELICAN PLACE
ORANGE BEACH, AL 36561

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|---|---|
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## CIVIL SITE PLAN

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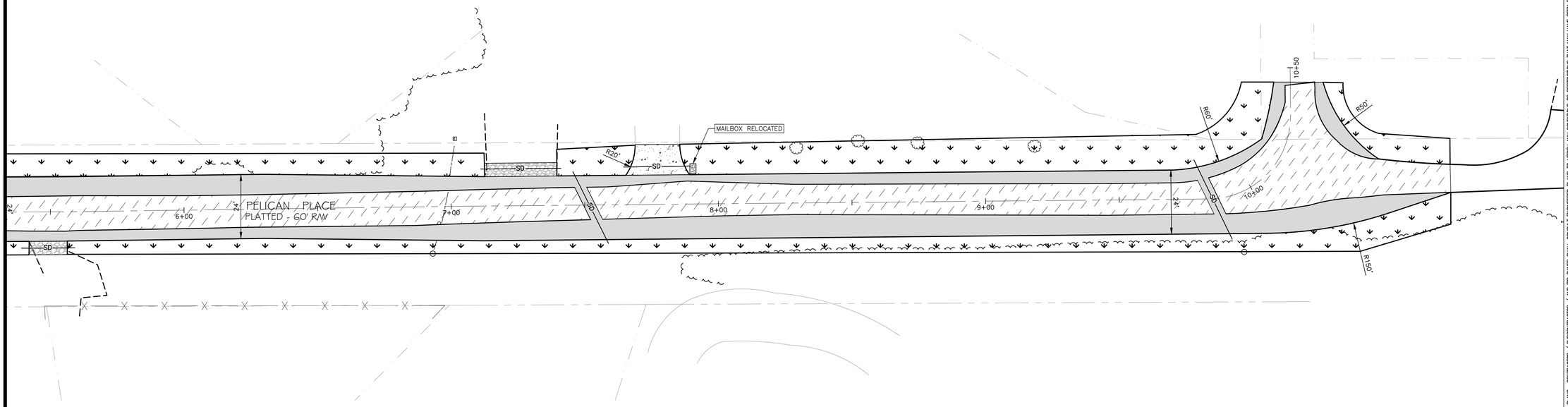
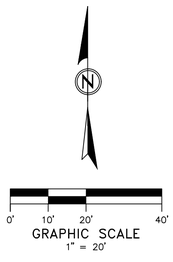
## PAVEMENT LEGEND

- DENOTES EXISTING ASPHALT TO BE MILLED AND OVERLAID 1 ½". SEE C620
- DENOTES NEW ASPHALT PAVEMENT, SEE C620
- DENOTES CONCRETE PAVEMENT, SEE C620
- DENOTES GRAVEL DRIVEWAY, SEE C620
- DENOTES AREAS TO RECEIVE SOLID SODDING. ALL DISTURBED AREAS FROM PAVING TO PRIVATE PROPERTY LINES SHALL RECEIVE SODDING.

*NEW ASPHALT PORTION AND OVERLAY PORTION SHALL RECEIVE ONE CONTINUOUS SURFACE COURSE.

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ALABAMA LICENSED NO.27668 PROFESSIONAL ENGINEER GERROD W. KILPATRICK
12-22-25

# PELICAN PLACE ROAD EXPANSION

## OBA BAYSIDE

PELICAN PLACE
ORANGE BEACH, AL 36561

SCALE: AS INDICATED
PROJECT NO: 0001.25.012
DRAWN BY: MBN
CHECKED BY: GWK

## CIVIL SITE PLAN

| NO. | DATE | REVISION / SUBMITTAL |
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# C202

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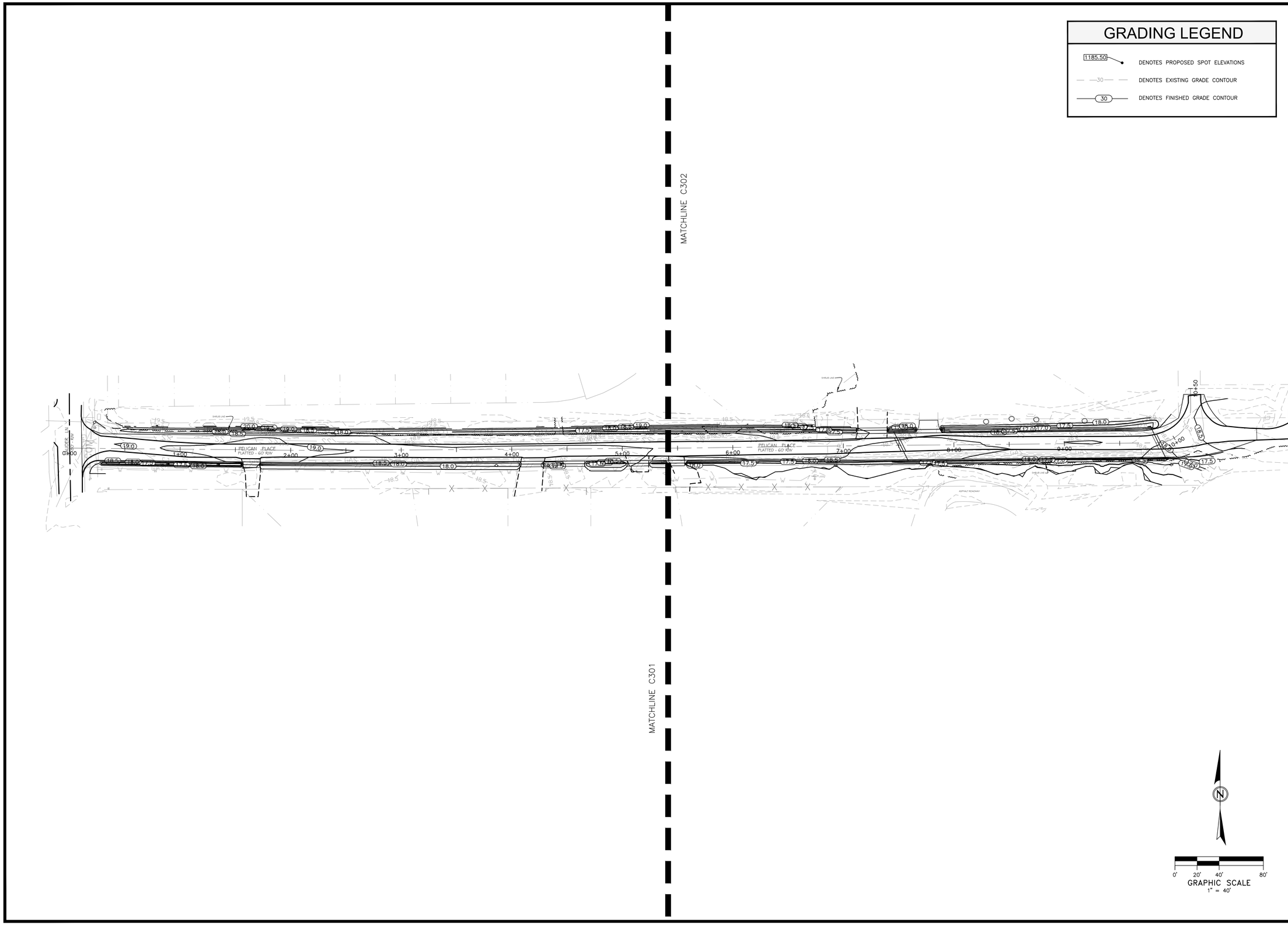


## GRADING LEGEND

| | |
|---|---|
| 1185.50 | DENOTES PROPOSED SPOT ELEVATIONS |
| 30 | DENOTES EXISTING GRADE CONTOUR |
| 30 | DENOTES FINISHED GRADE CONTOUR |


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ALABAMA LICENSED NO. 27668 PROFESSIONAL ENGINEER GERROD W. KILPATRICK

# PELICAN PLACE ROAD EXPANSION

## OBA BAYSIDE

PELICAN PLACE
ORANGE BEACH, AL 36561

SCALE: AS INDICATED
PROJECT NO: 0001.25.012
DRAWN BY: MBN
CHECKED BY: GWK

## SITE GRADING, DRAINAGE, AND UTILITY PLAN KEY

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# C300

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## GRADING LEGEND

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|---|---|
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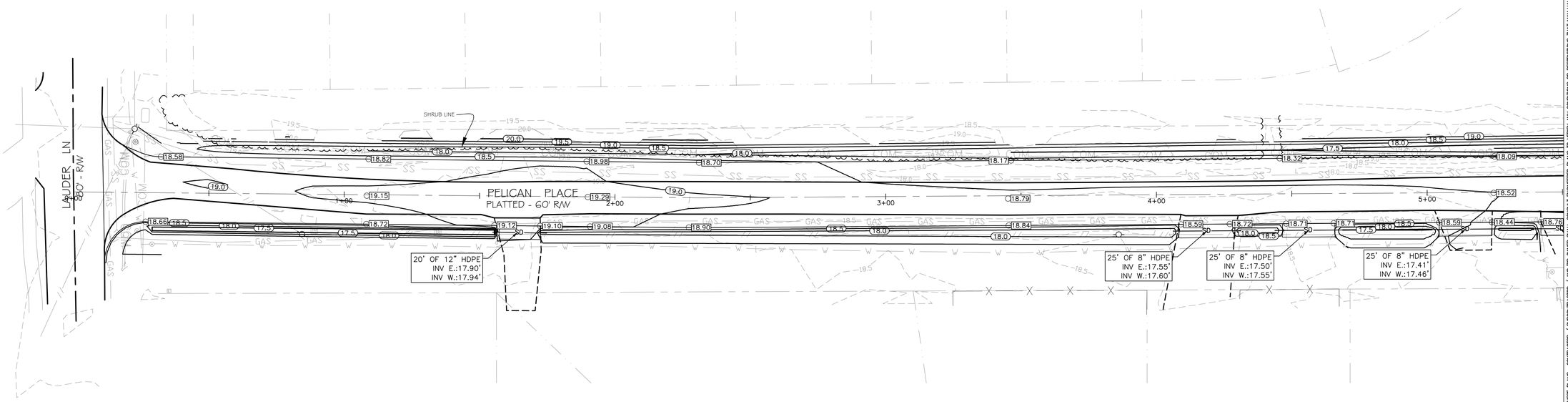
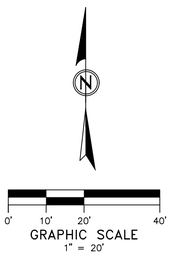
| 30 | DENOTES EXISTING GRADE CONTOUR |
| 30 | DENOTES FINISHED GRADE CONTOUR |





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# PELICAN PLACE ROAD EXPANSION

## OBA BAYSIDE

PELICAN PLACE
ORANGE BEACH, AL 36561

| | |
|---|---|
| SCALE: | AS INDICATED |
| PROJECT NO: | 0001.25.012 |
| DRAWN BY: | MBN |
| CHECKED BY: | GWK |

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# C301

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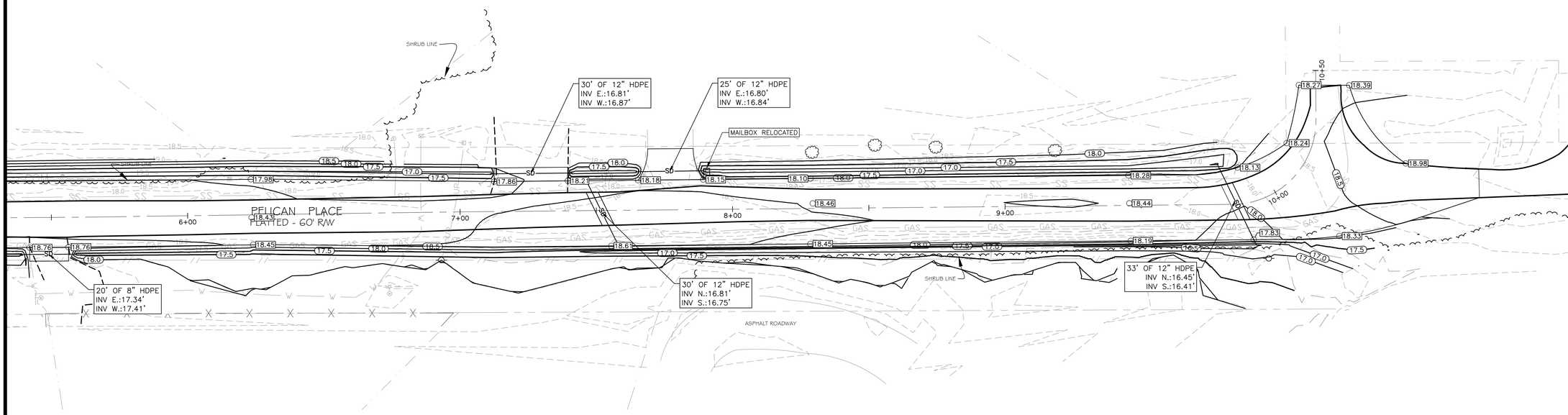
## GRADING LEGEND

- 1185.50 — DENOTES PROPOSED SPOT ELEVATIONS
- 30 — DENOTES EXISTING GRADE CONTOUR
- 30 — DENOTES FINISHED GRADE CONTOUR




GRAPHIC SCALE
1" = 20'
0' 10' 20' 40'

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**PELICAN PLACE ROAD EXPANSION**

**OBA BAYSIDE**

PELICAN PLACE
ORANGE BEACH, AL 36561

| | |
|---|---|
| SCALE: | AS INDICATED |
| PROJECT NO: | 0001.25.012 |
| DRAWN BY: | MBN |
| CHECKED BY: | GWK |

**SITE GRADING, DRAINAGE, AND UTILITY PLAN**

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# C302

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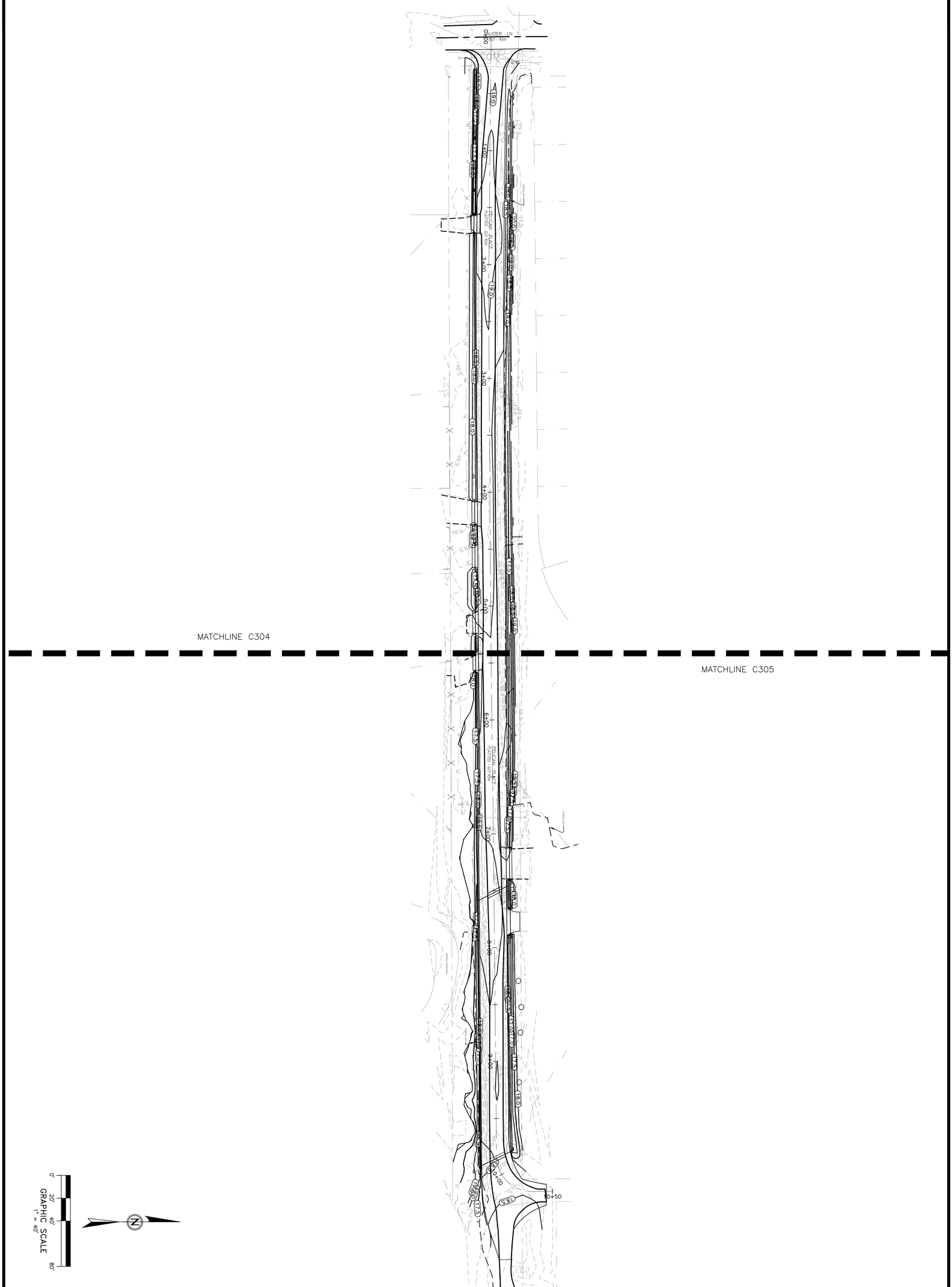


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**PLAN AND PROFILE KEY**

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PROJECT NO: 0001.25.012
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CHECKED BY: GWK

# PELICAN PLACE ROAD EXPANSION

## OBA BAYSIDE

PELICAN PLACE
ORANGE BEACH, AL 36561

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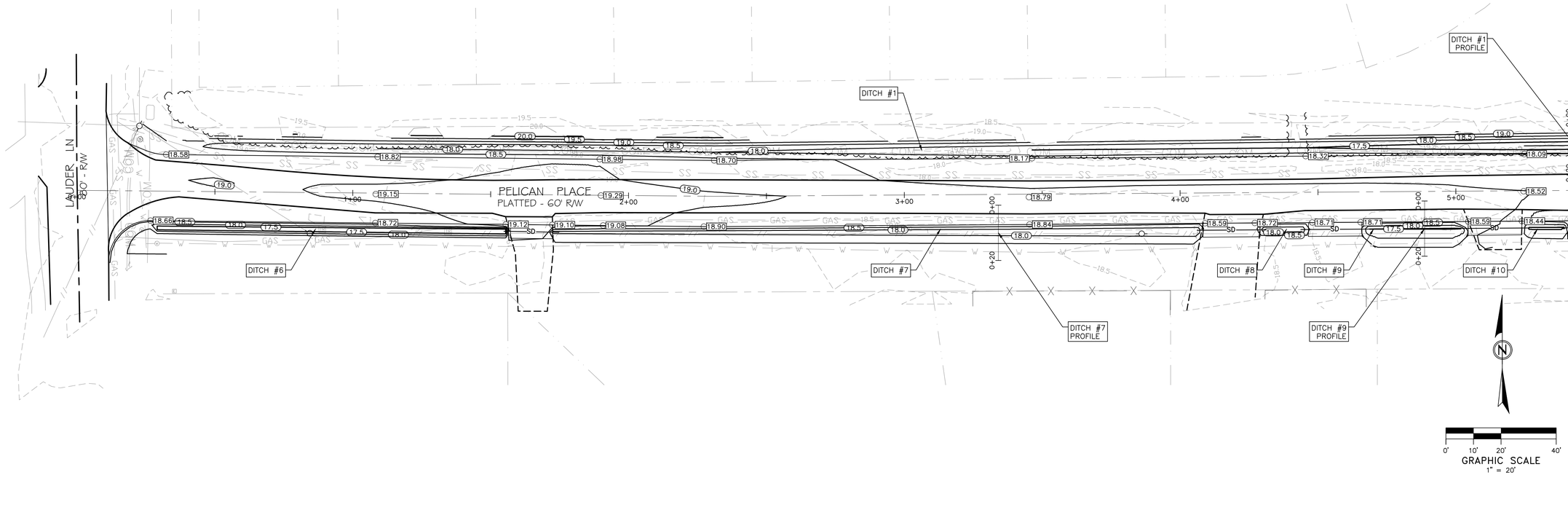


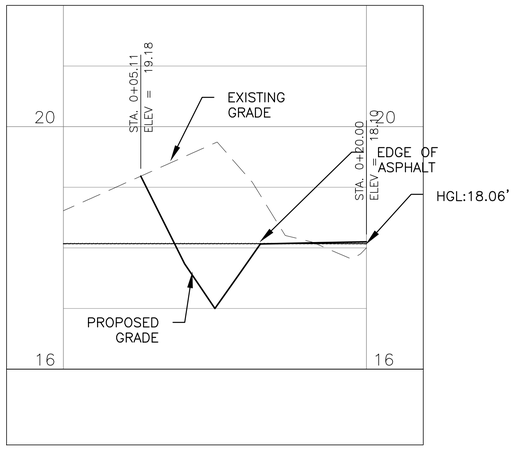


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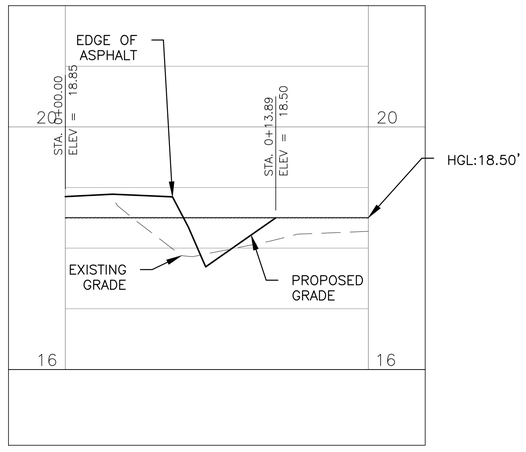


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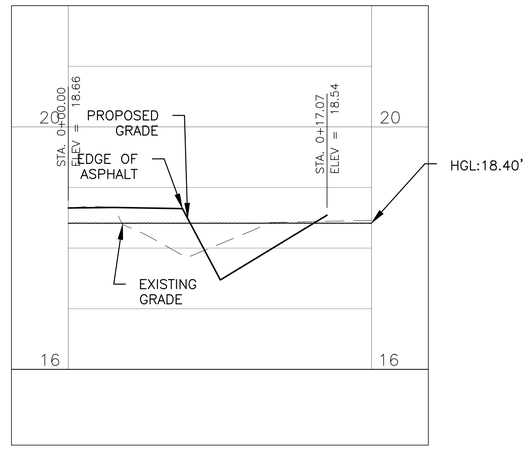


DITCH #9 PROFILE

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ALABAMA LICENSED NO.27668 PROFESSIONAL ENGINEER GERROD W. KILPATRICK

**PELICAN PLACE ROAD EXPANSION**

**OBA BAYSIDE**

PELICAN PLACE
ORANGE BEACH, AL 36561

SCALE: AS INDICATED
PROJECT NO: 0001.25.012
DRAWN BY: MBN
CHECKED BY: GWK

**PLAN AND PROFILE**

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# C304

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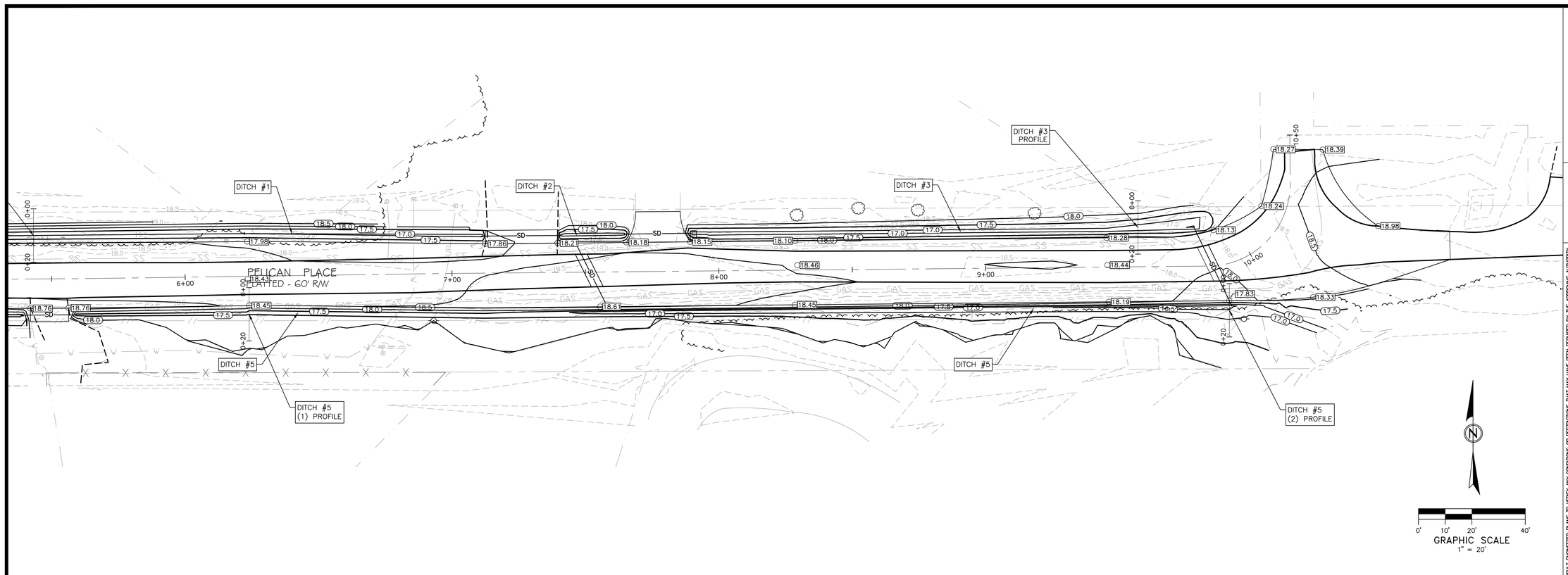


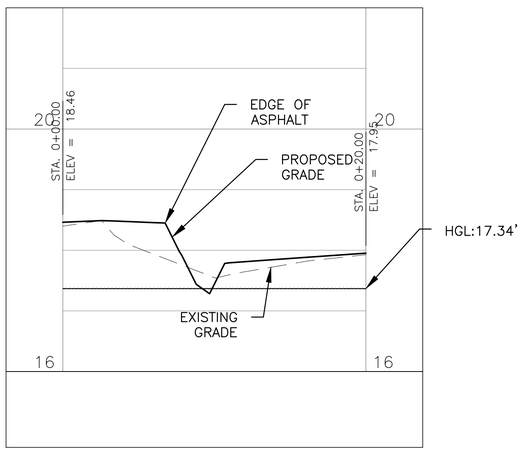


Station

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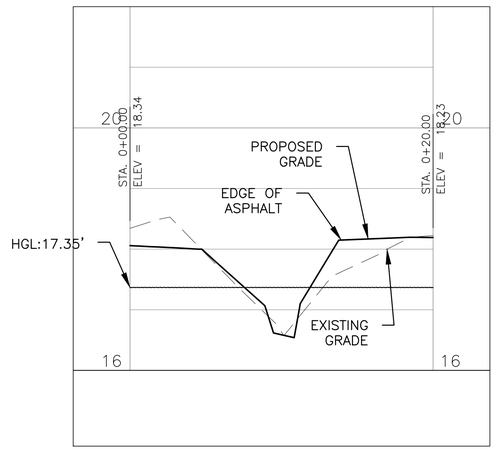


Station

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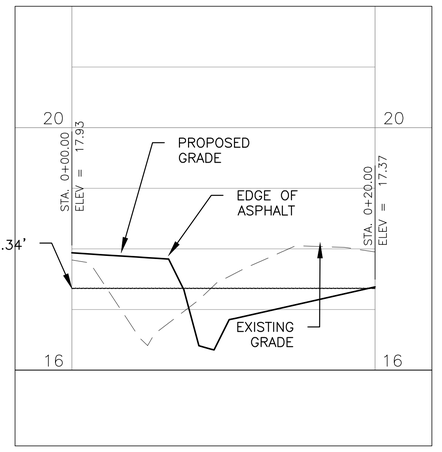


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DITCH #5 (2) PROFILE

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GERROD W. KILPATRICK
10-23-25

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# PELICAN PLACE ROAD EXPANSION

## OBA BAYSIDE

PELICAN PLACE
ORANGE BEACH, AL 36561

SCALE: AS INDICATED
PROJECT NO: 0001.25.012
DRAWN BY: MBN
CHECKED BY: GWK

## PLAN AND PROFILE

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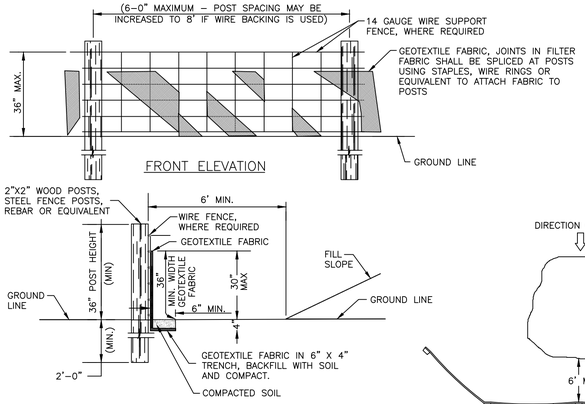
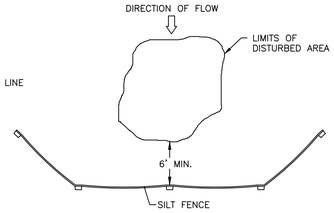



FRONT ELEVATION

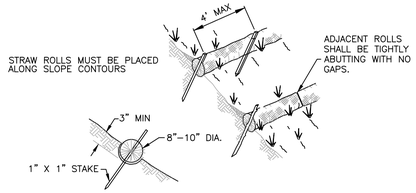
SIDE ELEVATION

SILT FENCE OPTION

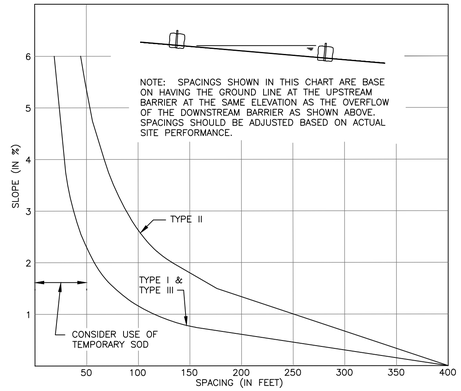



PLAN VIEW

STRAW ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A 3" MINIMUM TRENCH DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.




STRAW ROLL WATTLE OPTION




THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING EACH AREA THAT SEDIMENTATION BARRIERS ARE REQUIRED AND DETERMINING IF, BASED ON THE ABOVE CHART, ADDITIONAL ROWS OF SEDIMENTATION BARRIERS ARE REQUIRED. THE STORMWATER POLLUTION PREVENTION PLAN IS ONLY A SCHEMATIC DRAWING OF THE BASIC REQUIREMENTS FOR A BEST MANAGEMENT PRACTICES PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING ANY ADDITIONAL REQUIREMENTS FOR IMPLEMENTATION OF THIS PLAN.

CHART 1 (SPACING FOR SEDIMENT BARRIERS

## PERIMETER CONTROL NOTES

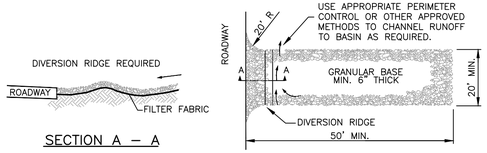
1. FILTER FABRIC FENCES SHALL BE INSTALLED ALONG CONTOUR WHENEVER POSSIBLE.
1. POSTS SHALL BE SPACED A MAXIMUM OF 6' O.C, SPACING MAY BE INCREASED TO 8' IF WIRE BACKING IS USED.
2. POSTS SHALL BE A MINIMUM OF 5'-0" IN LENGTH. IN ADDITION POSTS SHALL BE EITHER 2" x 2" N.D. WOOD POST OR HEAVY DUTY STEEL T-POSTS WITH PROJECTIONS FOR WIRE FASTENING.
3. WIRE SUPPORT FENCE SHALL BE A MINIMUM OF 36" IN HEIGHT, SHALL NOT EXTEND MORE THAN 36" ABOVE THE GROUND, AND SHALL EXTEND 2" INTO THE TRENCH.
4. WIRE FENCE SHALL BE A MINIMUM OF 14 GAUGE AND SHALL HAVE A MAXIMUM MESH SPACING OF 6". WIRE SHALL BE SECURELY FASTENED TO THE UPSLOPE, PROJECT SIDE OF POSTS USING HEAVY DUTY STAPLES (AT LEAST 1" LONG), TIE WIRES OR HOG RINGS.
5. GEOTEXTILE FABRIC SHALL BE A MINIMUM OF 36" IN HEIGHT, AND SHALL NOT EXTEND MORE THAN 36" ABOVE THE ORIGINAL GROUND SURFACE.
6. FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE AT THE TOP, MIDDLE, AND BOTTOM OF EACH POST. IN ADDITION THE FABRIC SHALL BE STAPLED OR WIRED TO THE WIRE FENCE APPROXIMATELY ONE HALF (1/2) THE DISTANCE BETWEEN THE POSTS AT THE TOP, MIDDLE AND BOTTOM OF THE WIRE FENCE.
7. GEOTEXTILE FABRIC SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM OF 3' OVERLAP. EACH FREE END OF THE FABRIC SHALL BE SECURELY TIED TO THE WIRE FENCE AT 6" O.C. VERTICALLY.
8. SILT FENCES SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT. THE ENTIRE LENGTH OF FENCE SHALL BE CHECKED FOR ANY DAMAGES ON A DAILY BASIS AND BEFORE AND AFTER ANY RAINFALL EVENT, FOR ANY DAMAGES. ANY DAMAGES FOUND SHALL BE REMEDIATED BEFORE THE DAY'S END AT NO ADDITIONAL COST TO THE OWNER.
9. SILT FENCES SHALL BE MAINTAINED TO PREVENT ANY MATERIAL FROM MIGRATING FROM THE UPSLOPE SIDE OF THE FENCE. ANY REQUIRED MAINTENANCE OF THE SILT FENCE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
10. SEDIMENT DEPOSITS SHALL BE REMOVED AFTER EACH RAINFALL EVENT AND WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF (1/2) THE HEIGHT OF THE FENCE.
11. IN ORDER TO PREVENT SEDIMENT LADEN STORM WATER FROM BY-PASSING THE FENCE, IN AREAS WHERE SILT FENCES ARE NOT UTILIZED ON ALL SIDES OF A DISTURBED AREA, THE FENCE SHALL EXTEND BEYOND THE DISTURBED AREA IN J-HOOK SHAPE ON EACH END AS SHOWN IN THE ISOLATED SILT FENCE INSTALLATION PLAN VIEW.

## 1 PERIMETER CONTROL DETAILS

NOT TO SCALE

## CONSTRUCTION ENTRANCE/EXIT NOTE

2. THE ENTRANCE SHALL BE PROPERLY MAINTAINED FOR THE DURATION OF THE PROJECT TO PREVENT THE TRACKING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. ALL MAINTENANCE AND REPAIRS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
3. THE ENTRANCE SHALL BE CHECKED ON A DAILY BASIS AND BEFORE AND AFTER ANY RAINFALL EVENT FOR ANY DAMAGES. ANY DAMAGES FOUND SHALL BE REMEDIATED BEFORE THE DAYS END AT NO ADDITIONAL COST TO THE OWNER.
4. THE ENTRANCE SHALL BE PROPERLY GRADED TO PREVENT THE FLOW OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS SHALL BE REMOVED IMMEDIATELY.
5. MEASURES SHALL BE TAKEN TO PREVENT VEHICULAR TRAFFIC FROM BYPASSING THE CONSTRUCTION ENTRANCE DURING INGRESS AND EGRESS.




SECTION A - A

PLAN

## 2 CONSTRUCTION ENTRANCE/EXIT DETAIL

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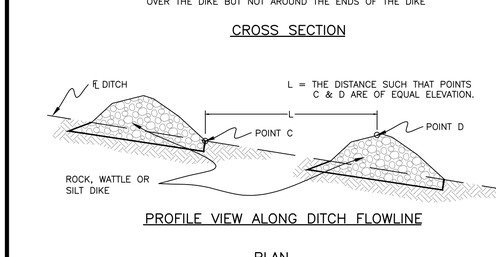
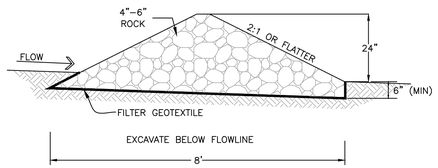



POINT A MUST BE HIGHER THAN POINT B TO DIRECT WATER FLOW OVER THE DIKE BUT NOT AROUND THE ENDS OF THE DIKE

CROSS SECTION




PROFILE VIEW ALONG DITCH FLOWLINE

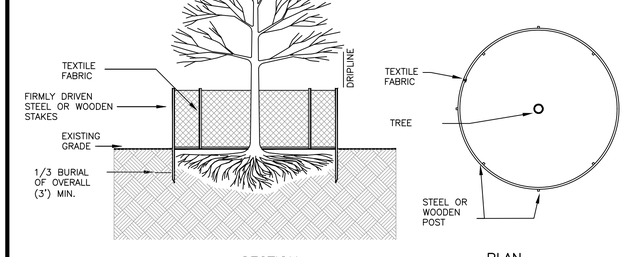



PROFILE

PLAN

## 3 CHECK DAM PLACEMENT DETAIL

NOT TO SCALE

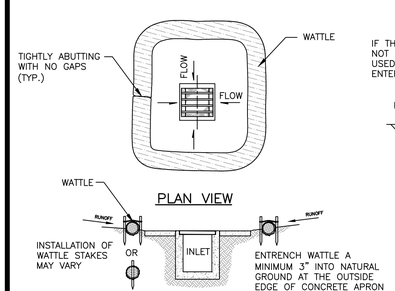



SECTION

PLAN

## 4 TREE PROTECTION PLACEMENT DETAIL

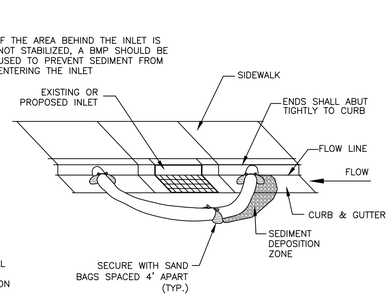
NOT TO SCALE



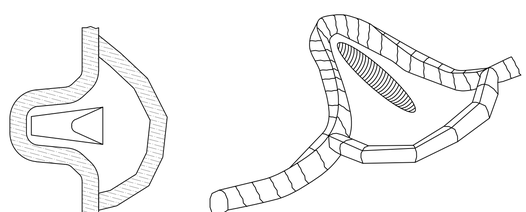

PLAN VIEW

PROFILE

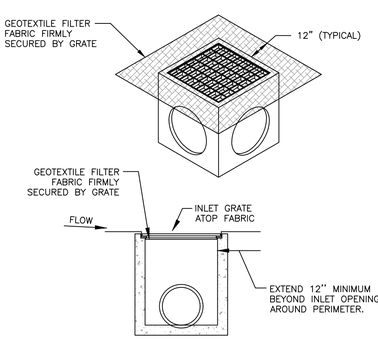
INLET STRAW ROLL WATTLE OPTION



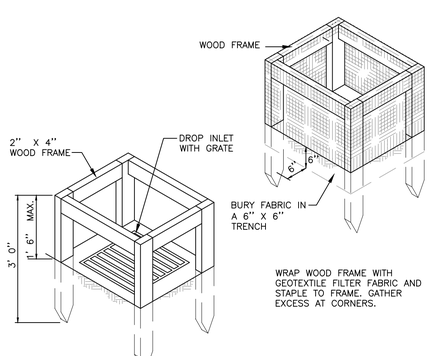

CURB INLET STRAW ROLL WATTLE OPTION



PIPE END TREATEMENT WATTLE OPTION




GEOTEXTILE FILTER FABRIC OPTION




SILT FENCE OPTION

## 5 TYPICAL INLET PROTECTION DETAILS

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PELICAN PLACE
ORANGE BEACH, AL 36561

STORM WATER POLLUTION PREVENTION DETAILS

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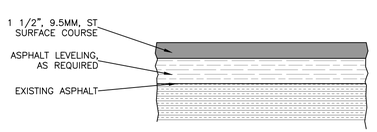
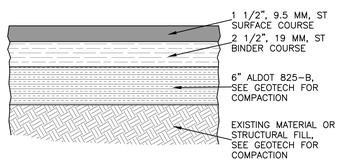
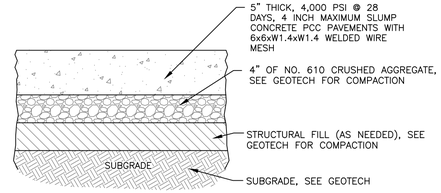


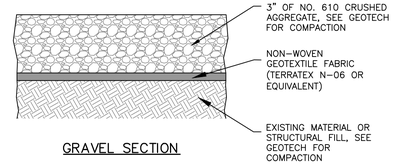

OVERLAY ASPHALT PAVEMENT SECTION




NEW HEAVY-DUTY ASPHALT PAVEMENT SECTION



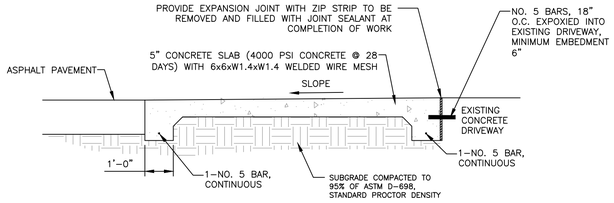

LIGHT DUTY CONCRETE




GRAVEL SECTION

## 1 PAVEMENT DETAILS

NOT TO SCALE




## 2 DRIVEWAY DETAIL

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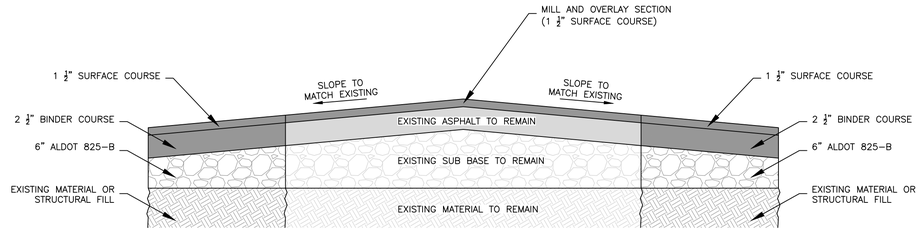
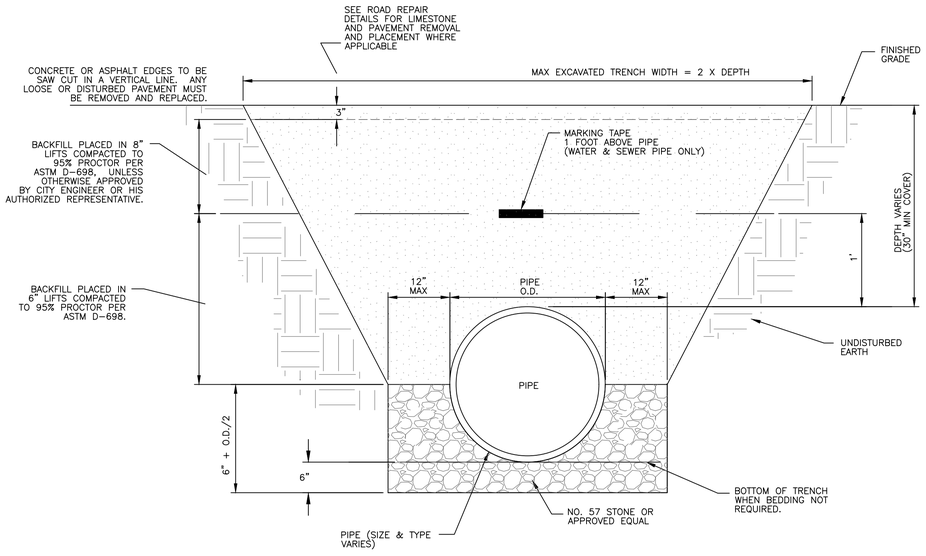



## 3 ROADWAY SECTION DETAIL

NOT TO SCALE




### GENERAL NOTES

1. BACKFILL MATERIAL SHALL BE PLACED ON BOTH SIDES OF PIPE SIMULTANEOUSLY DURING BACKFILLING OPERATIONS TO PREVENT SHIFTING OR DAMAGE TO PIPE.
2. ANY MARKING TAPE ABOVE SEWER PIPE THAT IS DISTURBED OR DAMAGED BY OVERLAPPING TRENCHES SHALL BE PROPERLY REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
3. INSTALLATION AND COVER REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE PIPE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS.
4. TOP OF PIPE SHALL BE BELOW ROAD BASE IN PAVED AREAS.

### STORM DRAIN PIPE PLACEMENT NOTES

1. STORM DRAIN PIPE SHALL BE CONCRETE, RIBBED PVC OR HIGH DENSITY POLYETHYLENE IN ACCORDANCE WITH THE SPECIFICATIONS OR AS SHOWN ON THE PLANS. LOCATION FOR INSTALLATION OF TYPE OF PIPE SHALL BE AS SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE ENGINEER OR HIS AUTHORIZED REPRESENTATIVE. ONLY CONCRETE STORM DRAIN PIPE SHALL BE INSTALLED UNDER PAVED AREAS UNLESS SHOWN DIFFERENTLY ON THE CONSTRUCTION PLANS.
2. ALL STORM DRAIN JOINTS SHALL BE WRAPPED WITH GEOTEXTILE FABRIC. FABRIC SHALL BE THREE (3') FEET WIDE (CENTERED OVER JOINT) AND LONG ENOUGH TO WRAP AROUND THE PIPE JOINT AND OVERLAP 1/3 THE CIRCUMFERENCE.
3. REFER TO OTHER DETAILS FOR DRAINAGE STRUCTURES, CONCRETE PIPE REPAIR METHODS, PIPE END TREATMENTS, & GRATES.

## 4 TRENCH DETAIL FOR SANITARY SEWER AND NON-PERFORATED STORM DRAIN PIPE

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**PELICAN PLACE ROAD EXPANSION**

**OBA BAYSIDE**

PELICAN PLACE
ORANGE BEACH, AL 36561

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CHECKED BY: GWK

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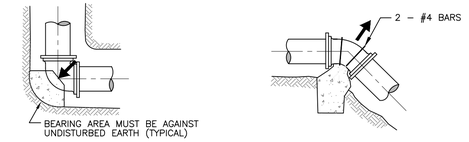
## WATER MAIN THRUST BLOCK NOTE

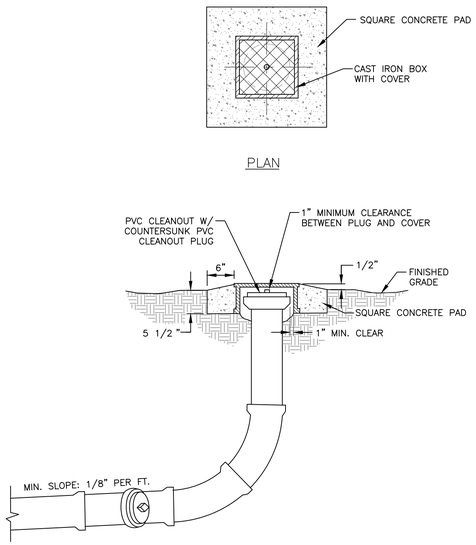
ALL FITTINGS SHALL BE COVERED WITH A GEOTEXTILE FABRIC PRIOR TO POURING CONCRETE THRUST BLOCKING



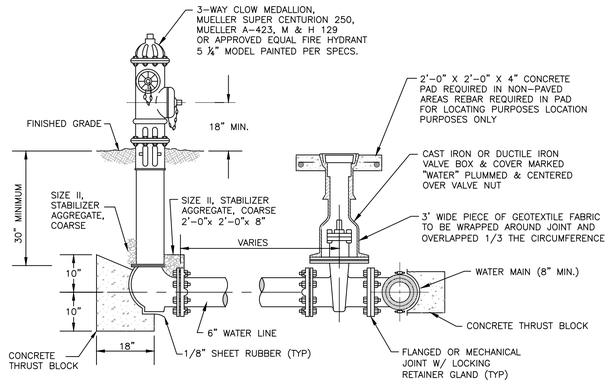

BEARING AREAS FOR THRUST BLOCKING IN SQUARE FEET

| FITTING: | 4" DIA. | 6" DIA. | 8" DIA. | 10" DIA. | 12" DIA. | 14" DIA. |
|---|---|---|---|---|---|---|
| TEES | 2.0 | 2.5 | 4.7 | 5.0 | 7.0 | 9.0 |
| 90° | 2.0 | 2.7 | 6.7 | 7.2 | 10.4 | 12.7 |
| 45° | 1.0 | 1.5 | 3.6 | 3.9 | 5.6 | 6.9 |
| 22 1/2° | 1.0 | 1.0 | 1.8 | 2.0 | 2.9 | 3.5 |

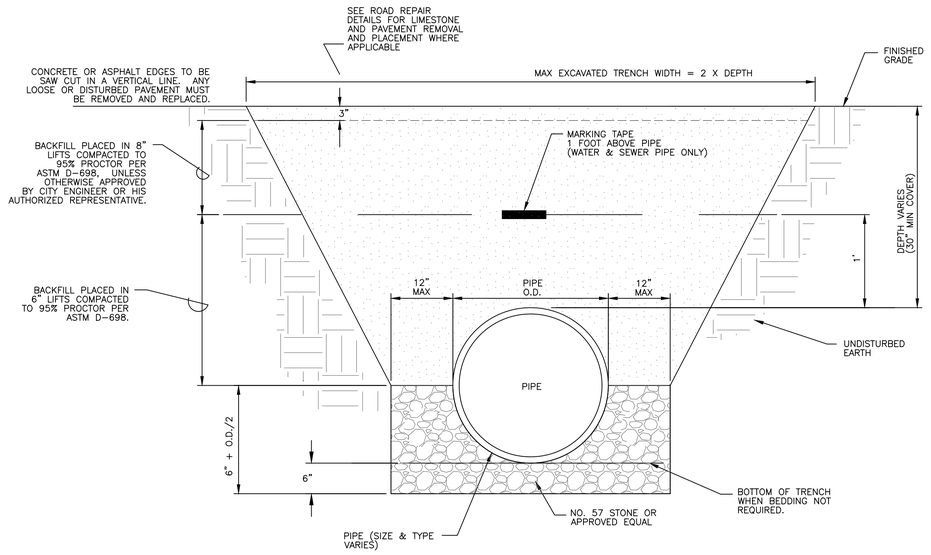
1 WATER MAIN THRUST BLOCK DETAILS — NOT TO SCALE




2 SEWER CLEAN OUT DETAIL — NOT TO SCALE




3 FIRE HYDRANT ASSEMBLY DETAIL — NOT TO SCALE




4 TRENCH DETAIL FOR SANITARY SEWER AND NON-PERFORATED STORM DRAIN PIPE — NOT TO SCALE

### GENERAL NOTES

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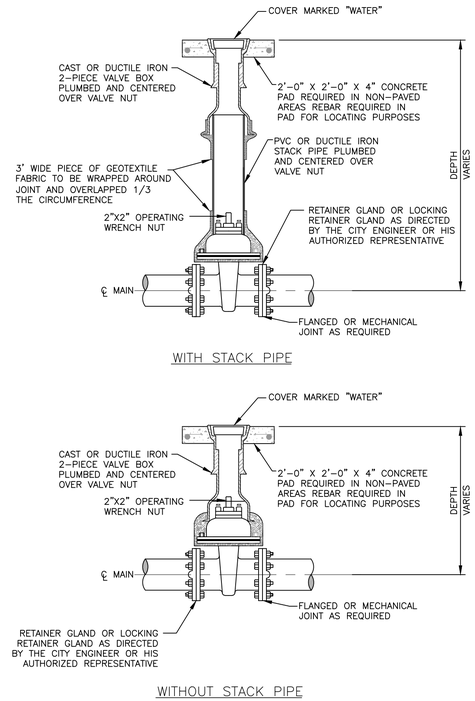


5 IN-LINE WATER VALVE AND VALVE BOX WITH AND WITHOUT STAKE PIPE DETAIL — NOT TO SCALE


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