

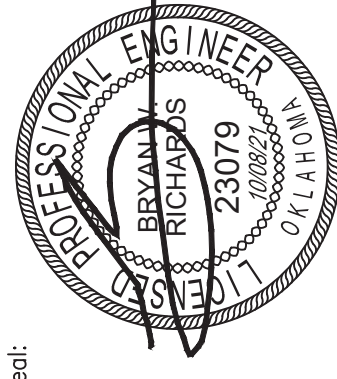


HARMONY SCHOOL APARTMENTS

1537 NE 24th STREET

OKLAHOMA CITY, OKLAHOMA, 73111

Project Number: Client Number:
N/A



BRYAN W. RICHARDS, P.E.
Expires: 11/30/2022

BWR

DESIGN GROUP

BWR DESIGN GROUP, LLC
PO BOX 31732
EDMOND, OK 73003
Tel: 405.424.5517
CA 7227, Exp. 06/30/2022

Issue Date:
10/08/2021

Purpose - Issue:
FINAL

Revisions:

No. Date Revision

Sheet Title:

GRADING PLAN

Sheet Number:

C4.0



GENERAL GRADING NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES AND GOVERNMENTAL AGENCIES WHO MIGHT HAVE UTILITY LINES ON OR ABOUT THE PREMISES, OR WHO MIGHT BE AFFECTED BY THE CONSTRUCTION. THE CONTRACTOR SHALL ALSO COORDINATE HIS WORK WITH THE CITY OF OKLAHOMA CITY TO OBTAIN NECESSARY PERMITS. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO LOCATE AND PROTECT EXISTING UTILITY LINES, AND SHALL REPAIR ANY DAMAGES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN CONSTRUCTION STAKING.
3. PRIOR TO PLACEMENT OF FILL, THE GROUND SHALL BE STRIPPED (6" THICK) OF VEGETATION, SCARPED AND RECOMPACTED. FILL SHALL BE PLACED IN MAXIMUM 8" LIFTS AND COMPACTED TO AT LEAST 95% RELATIVE COMPACTION. ALL EXCESSIVE WATER SHALL BE REMOVED FROM THE FILL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING THE SILT FENCE BARRIER AROUND THE LIMITS OF CONSTRUCTION AND AS SHOWN ON THE EROSION PLAN, DURING CONSTRUCTION, UNTIL ALL WORK IS COMPLETE AND VEGETATION IS REESTABLISHED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING THE SILT FENCE BARRIER THROUGHOUT THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION OF METHODS AND MATERIALS FOR EROSION PROTECTION.
4. UNLESS OTHERWISE STATED IN THE GENERAL CONDITIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TESTING. THE RESULTS OF THE TESTS SHALL BE FORWARDED TO THE PROJECT ENGINEER FOR HIS REVIEW AND APPROVAL.
5. THE CONTRACTOR MUST FILE A "NOTICE OF INTENT" WITH THE OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY AND THE CITY OF OKLAHOMA CITY, PRIOR TO COMMENCING EARTHWORK, CLEARING OR DEMOLITION OPERATIONS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING THE SILT FENCE BARRIER AROUND THE LIMITS OF CONSTRUCTION AND AS SHOWN ON THE EROSION PLAN, DURING CONSTRUCTION, UNTIL ALL WORK IS COMPLETE AND VEGETATION IS REESTABLISHED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING THE SILT FENCE BARRIER THROUGHOUT THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION OF METHODS AND MATERIALS FOR EROSION PROTECTION.
7. UPON COMPLETION OF WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR BACKFILLING ALL EXCAVATIONS TO ORIGINAL GROUND SURFACE OR AS SHOWN ON THE GRADING PLAN. THE CONTRACTOR SHALL FURTHER BE RESPONSIBLE FOR SEEDING AND/OR SOIL STABILIZATION AS DIRECTED BY THE OWNER.
8. MAINTENANCE OF SEEDING AND GROUND AREAS SHALL INCLUDE ALL NECESSARY FERTILIZATION AND WATERING UNTIL SUCH TIME AS PROPER VEGETATION AND ROOT GROWTH IS ESTABLISHED.
9. ALL ADA ACCESSIBLE PARKING SPACES (INCLUDING THE PARKING STALL AND CORE MARKINGS) SHALL BE CONSTRUCTED TO NOT EXCEED A 2% CROSS SLOPE AND 5% LONGITUDINAL SLOPE. ALL ADA CURB RAMPS SHALL NOT EXCEED 8.33% LONGITUDINAL SLOPE AND A MAXIMUM 6-INCH ELEVATION RISE. IN THE EVENT THAT ANY FIELD CONDITIONS WILL DEVIATE FROM THESE REQUIREMENTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND ARCHITECT IMMEDIATELY.
10. SOLID SLAB S/D ALL DISTURBED AREAS.
11. THE CONTRACTOR SHALL COORDINATE WITH LANDSCAPE ARCHITECTURAL PLANS FOR FINAL SITE GRADING, PLANTER BEDS, ROCK DRAINAGE AREAS, SITE VEGETATION AND GROUND COVER DETAILS.
12. MAXIMUM GRADE SLOPE SHALL BE 3:1.
13. THE CONTRACTOR SHALL FIELD VERIFY THE EXISTING ELEVATIONS ALONG ALL PROPERTY LINE TO ADJACENT PROPERTIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE HISTORIC FLOW OR RUMPUS OR GRADE PONDING AREAS ON ADJACENT PROPERTIES.

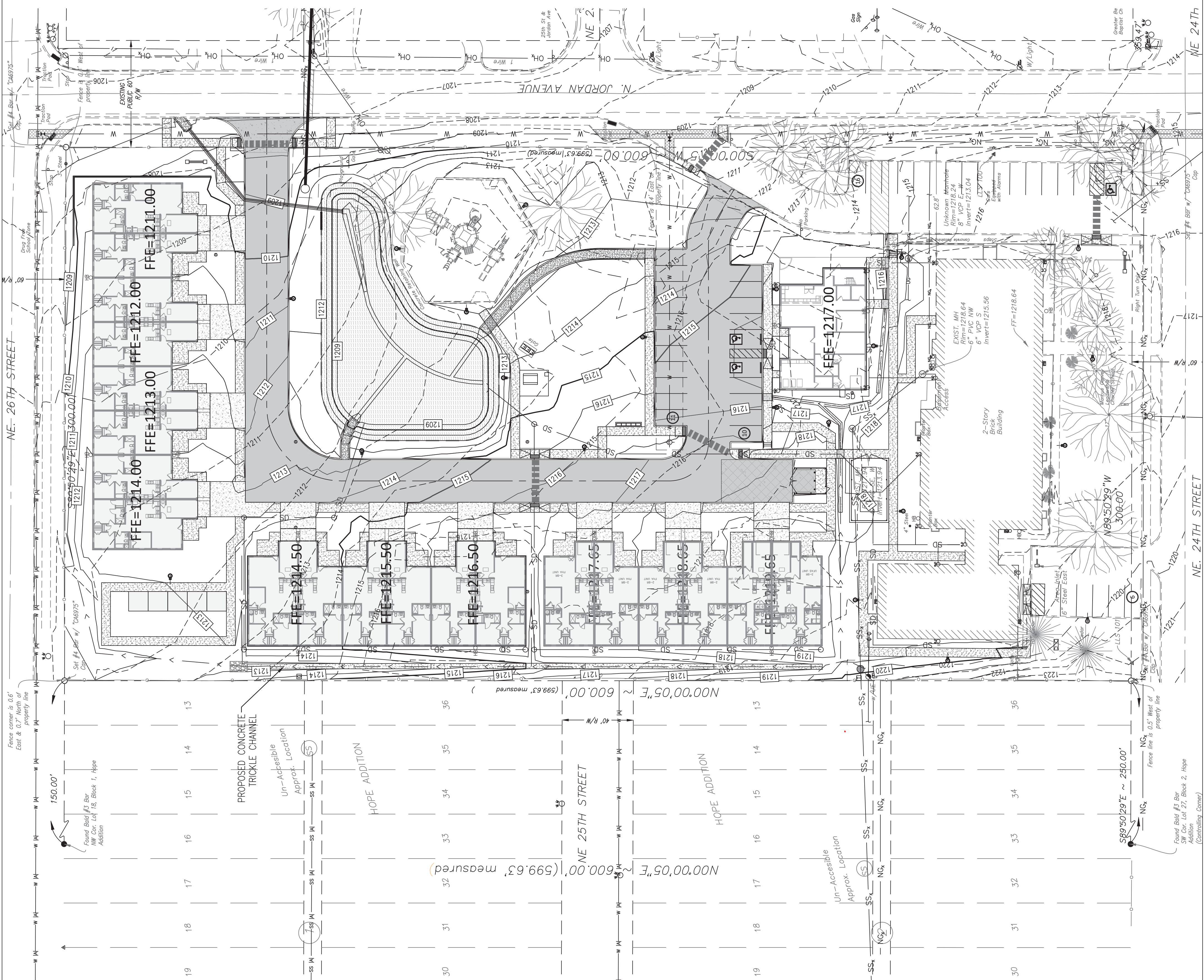
LEGEND

- EXISTING CONTOUR (1' INTERVAL)
- PROPOSED CONTOUR (1' INTERVAL)
- DRAINAGE FLOW ARROW
- GUT
- GUTTER
- TOP OF CURB
- TOP OF SIDEWALK
- TOP OF WALL
- BOTTOM OF WALL
- FLOW LINE ELEVATION
- TOP OF GRATE
- EXISTING GRADE
- FINISH GRADE
- RETAINING WALL



UTILITY WARNING:
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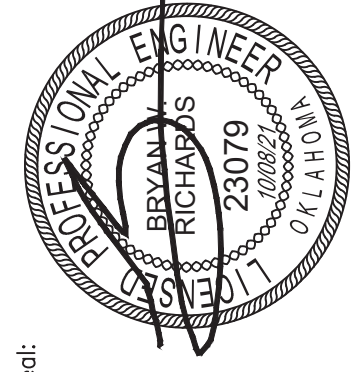
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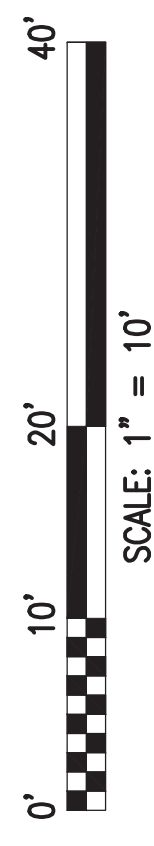
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4. UNLESS OTHERWISE NOTED IN THE GENERAL CONDITIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TESTING, THE RESULTS OF THE TESTS SHALL BE FORWARDED TO THE PROJECT ENGINEER FOR HIS REVIEW AND APPROVAL.
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8. MAINTENANCE OF STEEPED AND SCORED AREAS SHALL INCLUDE ALL NECESSARY FERTILIZATION AND WATERING UNTIL SUCH TIME AS PROPER VEGETATION AND ROOT GROWTH IS ESTABLISHED.
9. ALL ADA ACCESSIBLE PARKING SPACES (INCLUDING THE PARKING STALL AND CORE MARKINGS) SHALL BE CONSTRUCTED TO NOT EXCEED A 2% CROSS SLOPE AND 5% LONGITUDINAL SLOPE. ALL ADA CURB RAMP SHALL NOT EXCEED 8.33% LONGITUDINAL SLOPE AND A MAXIMUM 6-INCH ELEVATION RISE. IN THE EVENT THAT ANY FIELD CONDITIONS WILL DEVIATE FROM THESE REQUIREMENTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND ARCHITECT IMMEDIATELY.
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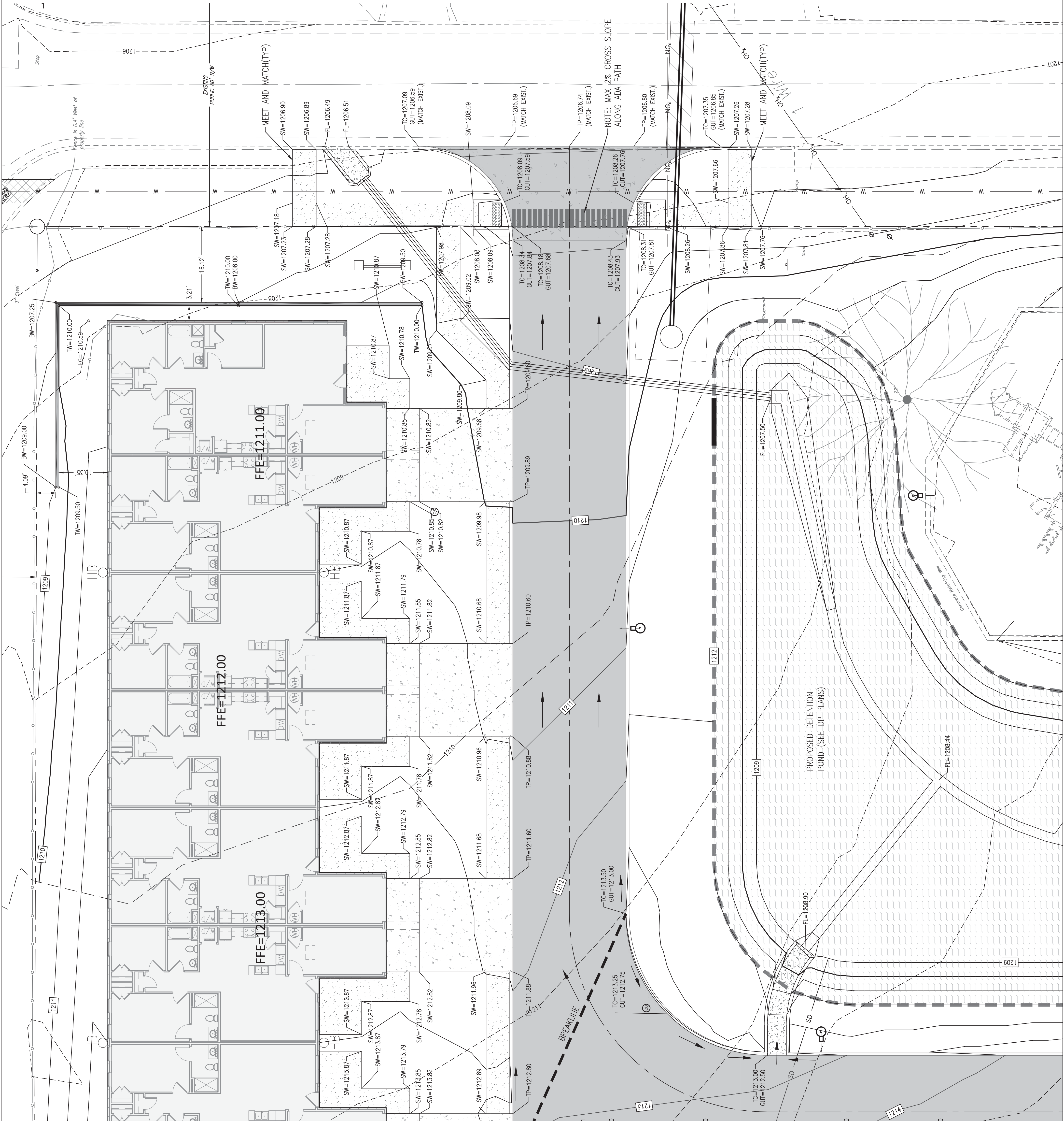
LEGEND

- EXISTING CONTOUR (1' INTERVAL)
- PROPOSED CONTOUR (1' INTERVAL)
- DRAINAGE FLOW ARROW
- GUTTER
- TOP OF CURB
- TOP OF SIDEWALK
- TOP OF WALL
- BOTTOM OF WALL
- FLOW LINE ELEVATION
- TOP OF GRATE
- EXISTING GRADE
- FINISH GRADE
- RETAINING WALL
- SIDEWALK OVER FLUME WITH METAL COVER



UTILITY WARNING:
UTILITY WARNINGS SHOWN HAVE BEEN LOCATED FROM RECORD DOCUMENTS OR FIELD SURVEY. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

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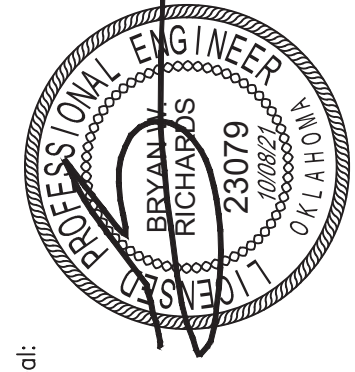




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Revisions:

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Sheet Title:
DETAILED GRADING PLAN

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C4.2

GENERAL GRADING NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES AND GOVERNMENTAL AGENCIES WHO MIGHT HAVE UTILITY LINES ON OR ABOUT THE PREMISES, OR WHO MIGHT BE AFFECTED BY THE CONSTRUCTION. THE CONTRACTOR SHALL ALSO COORDINATE HIS WORK WITH ALL UTILITY COMPANIES AND GOVERNMENTAL AGENCIES TO LOCATE, MARK, AND PROTECT EXISTING UTILITY LINES, AND SHALL REPAIR ANY DAMAGES.
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3. PRIOR TO PLACEMENT OF FILL, THE GROUND SHALL BE STRIPPED (6" THICK) OF VEGETATION, SCARIFIED AND RECOMPACTED. FILL SHALL BE PLACED IN MAXIMUM 8" LIFTS AND COMPACTED TO AT LEAST 95% OF THE THEORETICAL DENSITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ASTM D-6988 THE CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT AND COORDINATE WITH THE GEOTECHNICAL ENGINEER FOR ALL SOIL AND PLACEMENT NEAR OR UNDER BUILDING SLAB.
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7. UPON COMPLETION OF WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR BACKFILLING ALL EXISTING AND NEW TRENCHES TO ORIGINAL GRADE OR AS SHOWN ON THE GRADING PLAN. THE CONTRACTOR SHALL FURTHER BE RESPONSIBLE FOR SEEDING AND/OR SUB SOILING AS DIRECTED BY THE OWNER.
8. MAINTENANCE OF SEEDING AND SOILING SHALL INCLUDE ALL NECESSARY FERTILIZATION AND WATERING UNTIL SUCH TIME AS PROPER VEGETATION AND ROOT GROWTH IS ESTABLISHED.
9. ALL ADA ACCESSIBLE PARKING SPACES INCLUDING THE PARKING STALL AND CORE MARKINGS) SHALL BE CONSTRUCTED TO NOT EXCEED A 2% CROSS SLOPE AND 5% LONGITUDINAL SLOPE. ALL ADA CURB RAMPS SHALL NOT EXCEED 8.33% LONGITUDINAL SLOPE AND A MAXIMUM 6-INCH ELEVATION RISE. IN THE EVENT THAT ANY FIELD CONDITIONS WILL DEVIATE FROM THESE REQUIREMENTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND ARCHITECT IMMEDIATELY.
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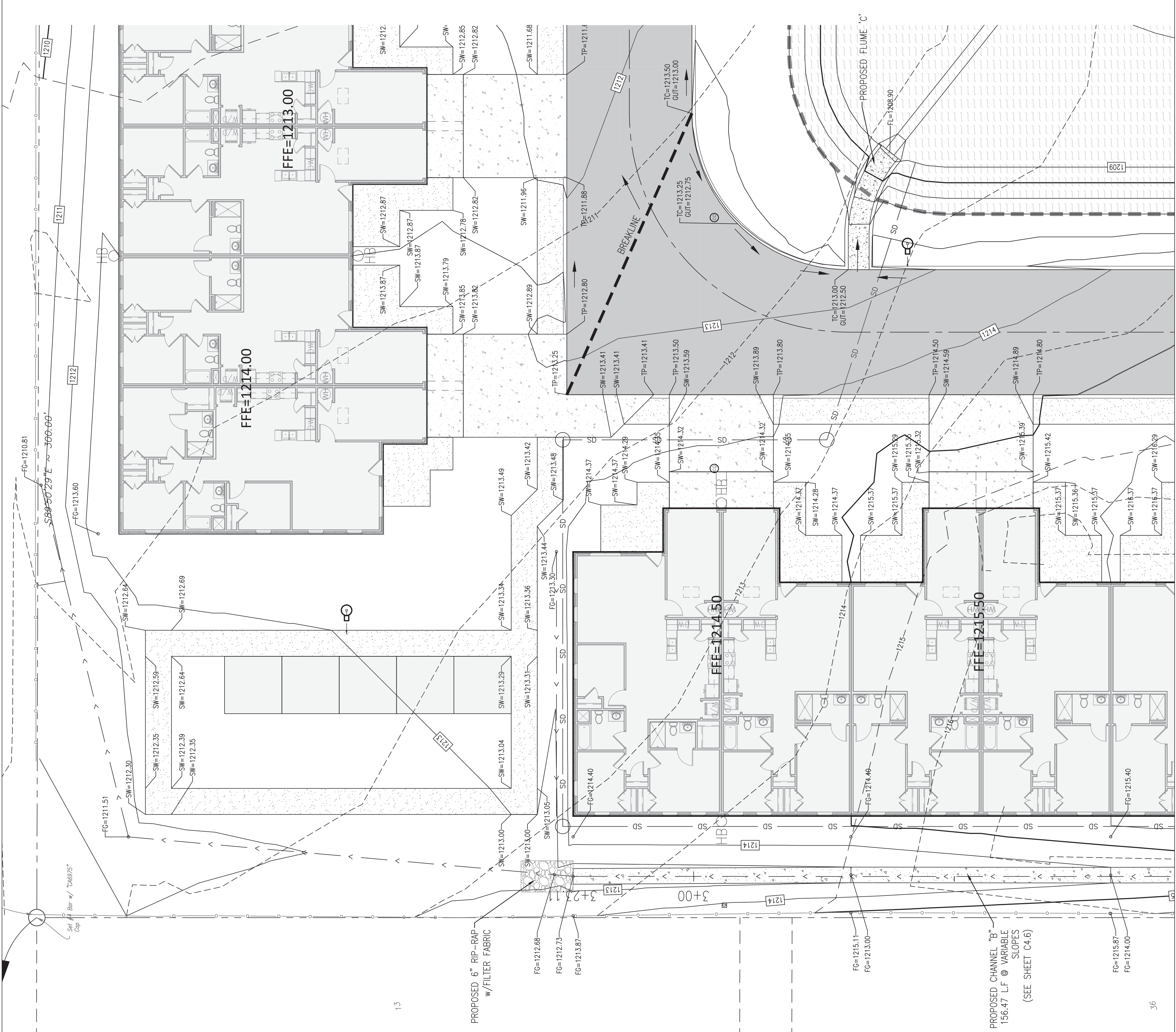
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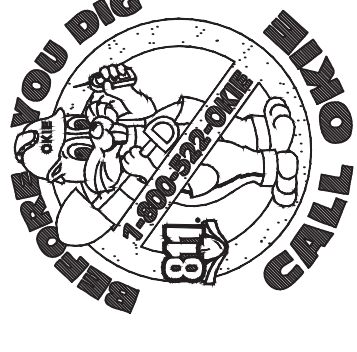
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UTILITY WARNING:
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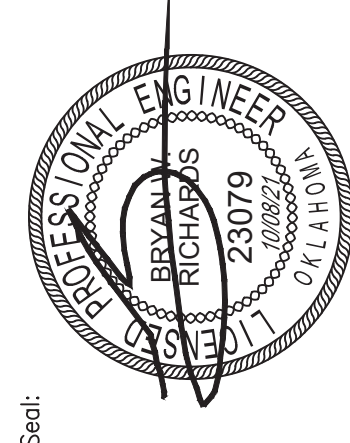
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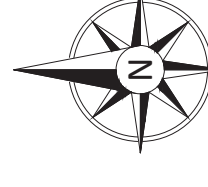
C4.3

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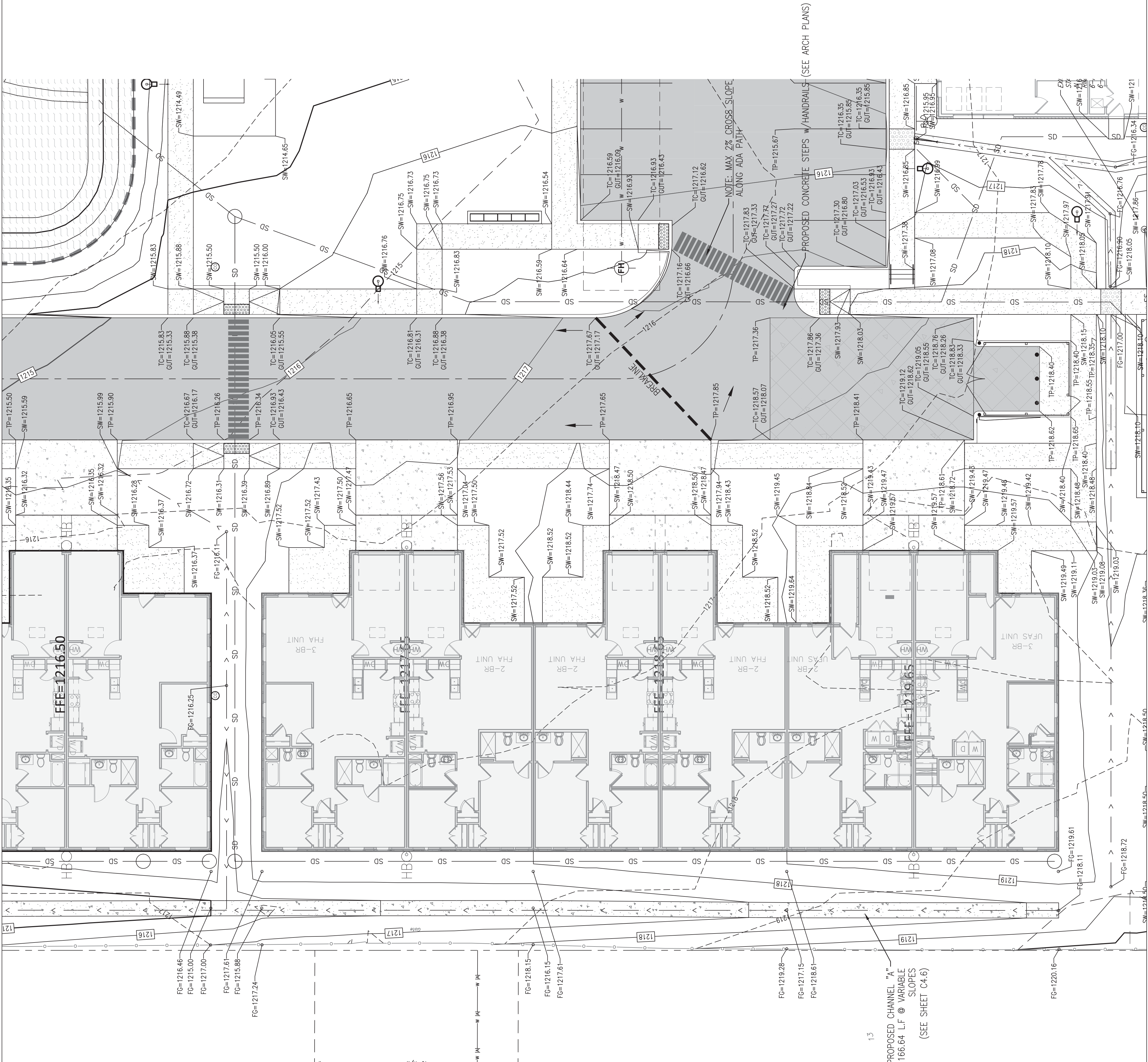
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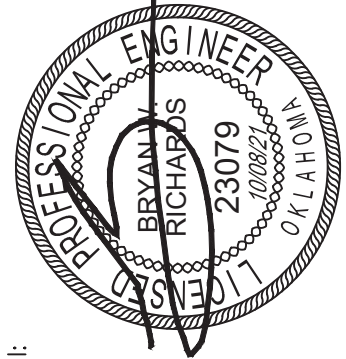


13
PROPOSED CHANNEL "A"
166.64 L.F @ VARIABLE
SLOPES
(SEE SHEET C4.6)



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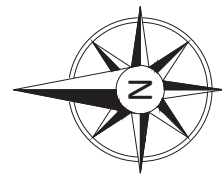
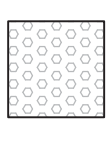


- GENERAL GRADING NOTES**
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES AND GOVERNMENTAL AGENCIES WHO MIGHT HAVE UTILITY LINES ON OR ABOUT THE PREMISES, OR WHO MIGHT BE AFFECTED BY THE CONSTRUCTION. THE CONTRACTOR SHALL ALSO COORDINATE HIS WORK WITH ALL UTILITIES TO BE LOCATED AND PROTECTED PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO LOCATE AND PROTECT EXISTING UTILITY LINES, AND SHALL REPAIR ANY DAMAGES.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN CONSTRUCTION STAKING.
 - PRIOR TO PLACEMENT OF FILL, THE GROUND SHALL BE STRIPPED (6" THICK) OF VEGETATION, SCARPED AND RECOMPACTED. FILL SHALL BE PLACED IN MAXIMUM 8" LIFTS AND COMPACTED TO AT LEAST 95% OF THE THEORETICAL DENSITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A GEOTECHNICAL REPORT FROM A REGISTERED PROFESSIONAL ENGINEER FOR ALL SOIL AND PLACEMENT NEAR OR UNDER BUILDING SLAB.
 - UNLESS OTHERWISE STATED IN THE GENERAL CONDITIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TESTING, THE RESULTS OF THE TESTS SHALL BE FORWARDED TO THE PROJECT ENGINEER FOR HIS REVIEW AND APPROVAL.
 - THE CONTRACTOR MUST FILE A "NOTICE OF INTENT" WITH THE OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY AND THE CITY OF OKLAHOMA CITY, PRIOR TO COMMENCING EARTHWORK, CLEARING OR DEMOLITION OPERATIONS.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING THE SILT FENCE BARRIER AROUND THE LIMITS OF CONSTRUCTION AND AS SHOWN ON THE EROSION PLAN, DURING CONSTRUCTION, UNTIL ALL WORK IS COMPLETE AND VEGETATION IS REESTABLISHED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING THE SILT FENCE BARRIER WITH APPROPRIATE METHODS AND MATERIALS FOR EROSION PROTECTION.
 - UPON COMPLETION OF WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR BACKFILLING ALL EXISTING AND NEW TRENCHES TO ORIGINAL GRADE OR AS SPECIFIED BY THE CITY OF OKLAHOMA CITY. THE CONTRACTOR SHALL FURTHER BE RESPONSIBLE FOR SEEDING AND/OR SLAB SEEDING AS DIRECTED BY THE OWNER.
 - MAINTENANCE OF SEEDING AND GROUND SHALL INCLUDE ALL NECESSARY FERTILIZATION AND WATERING UNTIL SUCH TIME AS PROPER VEGETATION AND ROOT GROWTH IS ESTABLISHED.
 - ALL ADA ACCESSIBLE PARKING SPACES INCLUDING THE PARKING STALL AND CORE MARKINGS SHALL BE CONSTRUCTED TO NOT EXCEED A 2% CROSS SLOPE AND 5% LONGITUDINAL SLOPE. ALL ADA CURB RAMPS SHALL NOT EXCEED 8.33% LONGITUDINAL SLOPE AND A MAXIMUM 6-INCH ELEVATION RISE. IN THE EVENT THAT ANY FIELD CONDITIONS WILL DEVIATE FROM THESE REQUIREMENTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND ARCHITECT IMMEDIATELY.
 - SOLID SLAB S/D ALL DISTURBED AREAS.
 - THE CONTRACTOR SHALL COORDINATE WITH LANDSCAPE ARCHITECTURAL PLANS FOR FINAL SITE GRADING, PLANTER BEDS, ROCK DRAINAGE AREAS, SITE VEGETATION AND GROUND COVER DETAILS.
 - MAXIMUM GRADE SLOPE SHALL BE 3:1.
 - THE CONTRACTOR SHALL FIELD VERIFY THE EXISTING ELEVATIONS ALONG ALL PROPERTY LINE TO BE GRADDED. THE CONTRACTOR SHALL VERIFY THE EXISTING ELEVATIONS AND CORRECT ANY ERRORS OR OBSTRUCT THE HISTORIC FLOW OR RUNOFF OR GRADE PONDING AREAS ON ADJACENT PROPERTIES.

LEGEND

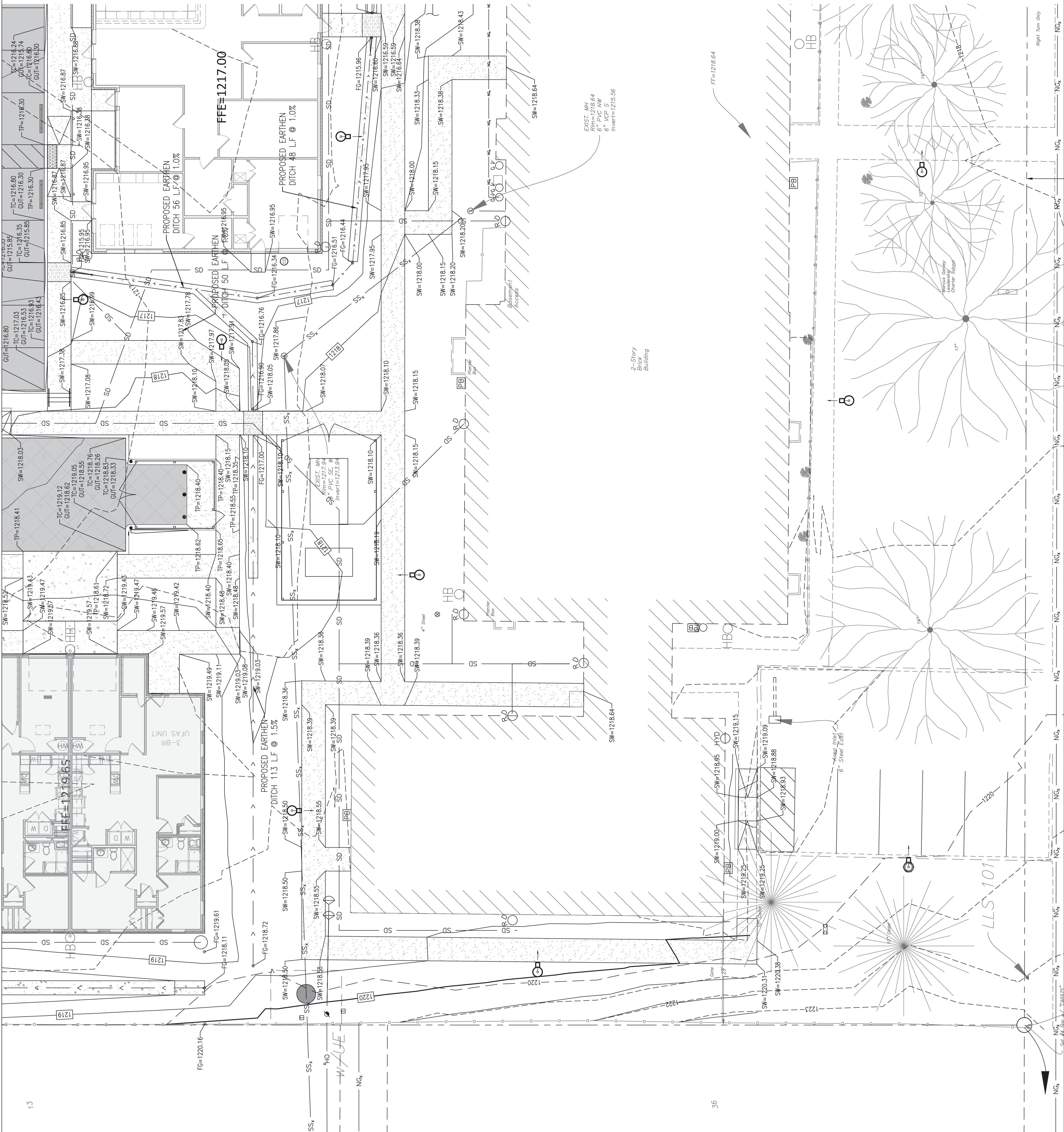
- EXISTING CONTOUR (1' INTERVAL)
- PROPOSED CONTOUR (1' INTERVAL)
- DRAINAGE FLOW ARROW
- GUTTER
- TOP OF CURB
- TOP OF SIDEWALK
- TOP OF WALL
- BOTTOM OF WALL
- FLOW LINE ELEVATION
- TOP OF GRATE
- EXISTING GRADE
- FINISH GRADE
- RETAINING WALL

SIDEWALK OVER FLUME WITH METAL COVER



UTILITY WARNING:
UTILITY WARNINGS: UTILITIES SHOWN HAVE BEEN LOCATED FROM RECORD DOCUMENTS OR FIELD SURVEY. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION. UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

UTILITY ELEVATIONS AND SIZES MAY HAVE BEEN MEASURED UNDER ADVERSE FIELD CONDITIONS. UPON EXPOSING THE UTILITY, ELEVATIONS AND LINE SIZES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHOULD VERIFY CRITICAL ELEVATIONS USING THE BENCHMARK PROVIDED BY THE SURVEYOR OR ENGINEER. ANY DISCREPANCIES SHOULD BE IMMEDIATELY BROUGHT TO THE ENGINEER'S AND SURVEYOR'S ATTENTION.



2-Story
Building

EXIST. MH
Rim=1218.64
6" PVC NW
6" VCP S
Invert=1219.56

FF=1218.64

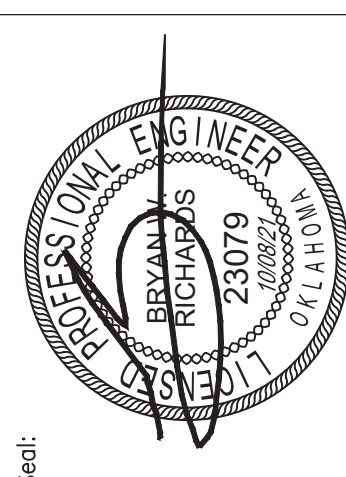
Right Turn Only



HARMONY SCHOOL APARTMENTS

1537 NE 24th STREET
OKLAHOMA CITY, OKLAHOMA, 73111

Project Number: Client Number:
N/A



BRYAN W. RICHARDS, P.E.
Expires: 11/30/2022

BWR
DESIGN GROUP
BWR DESIGN GROUP, LLC
PO BOX 31732
EDMOND, OK 73003
Tel: 405.881.5577
CA 72271, Exp: 06/30/2022

Issue Date:
10/08/2021
Purpose - Issue:
FINAL

Revisions:
No. Date
Revision

Sheet Title:
DETAILED GRADING
PLAN

Sheet Number:
C4.5

GENERAL GRADING NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES AND GOVERNMENTAL AGENCIES WHO MIGHT HAVE UTILITY LINES ON OR ABOUT THE PREMISES, OR WHO MIGHT BE AFFECTED BY THE CONSTRUCTION. THE CONTRACTOR SHALL ALSO COORDINATE HIS OPERATIONS WITH ALL UTILITIES TO BE MAINTAINED OR PROTECTED. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO LOCATE AND PROTECT EXISTING UTILITY LINES, AND SHALL REPAIR ANY DAMAGES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN CONSTRUCTION STAKING.
- PRIOR TO PLACEMENT OF FILL, THE GROUND SHALL BE STRIPPED (6" THICK) OF VEGETATION, SCARPED AND RECOMPACTED. FILL SHALL BE PLACED IN MAXIMUM 8" LIFTS AND COMPACTED TO AT LEAST 95% RELATIVE COMPACTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ASTM D-6988 TEST RESULTS. THE CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT AND COORDINATE WITH THE STRUCTURAL ENGINEER FOR ALL SOIL AND PLACEMENT NEAR OR UNDER BUILDING SLAB.
- UNLESS OTHERWISE STATED IN THE GENERAL CONDITIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TESTING. THE RESULTS OF THE TESTS SHALL BE FORWARDED TO THE PROJECT ENGINEER FOR HIS REVIEW AND APPROVAL.
- THE CONTRACTOR MUST FILE A "NOTICE OF INTENT" WITH THE OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY AND THE CITY OF OKLAHOMA CITY, PRIOR TO COMMENCING EARTHWORK, CLEARING OR DEMOLITION OPERATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING THE SILT FENCE BARRIER AROUND THE LIMITS OF CONSTRUCTION AND AS SHOWN ON THE EROSION PLAN, DURING CONSTRUCTION, UNTIL ALL WORK IS COMPLETE AND VEGETATION IS REESTABLISHED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING THE BARRIER UNTIL ALL NECESSARY METHODS AND MATERIALS FOR EROSION PROTECTION.
- UPON COMPLETION OF WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR BACKFILLING ALL EXISTING DITCHES TO ORIGINAL GRADE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEEDING AND/OR SUB SOILING AS DIRECTED BY THE OWNER.
- MAINTENANCE OF SEEDING AND SOILING SHALL INCLUDE ALL NECESSARY FERTILIZATION AND WATERING UNTIL SUCH TIME AS PROPER VEGETATION AND ROOT GROWTH IS ESTABLISHED.
- ALL ADA ACCESSIBLE PARKING SPACES (INCLUDING THE PARKING STALL AND CORE MARKINGS) SHALL BE CONSTRUCTED TO NOT EXCEED A 2% CROSS SLOPE AND 5% LONGITUDINAL SLOPE. ALL ADA CURB RAMP SLOPE SHALL NOT EXCEED 8.33% LONGITUDINAL SLOPE AND A MAXIMUM 6-INCH ELEVATION RISE. IN THE EVENT THAT ANY FIELD CONDITIONS WILL DEVIATE FROM THESE REQUIREMENTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND ARCHITECT IMMEDIATELY.
- SOLID SLAB 500 ALL DISTURBED AREAS.
- THE CONTRACTOR SHALL COORDINATE WITH LANDSCAPE ARCHITECTURAL PLANS FOR FINAL SITE GRADING, PLANTER BEDS, ROCK DRAINAGE AREAS, SITE VEGETATION AND GROUND COVER DETAILS.
- MAXIMUM GRADE SLOPE SHALL BE 3:1.
- THE CONTRACTOR SHALL FIELD VERIFY THE EXISTING ELEVATIONS ALONG ALL PROPERTY LINE TO OBTAIN THE HISTORIC FLOW OR RUMPUS ON GRABE PONDING AREAS ON ADJACENT PROPERTIES.

LEGEND

- EXISTING CONTOUR (1' INTERVAL)
- PROPOSED CONTOUR (1' INTERVAL)
- DRAINAGE FLOW ARROW
- GUTTER
- GUT
- TC
- SW
- TW
- BW
- FL
- TG
- EG
- FG
- RETAINING WALL
- SIDEWALK OVER FLUME WITH METAL COVER



UTILITY WARNING:
THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM RECORD DOCUMENTS OR FIELD SURVEY. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SERVICE OR ABANDONMENT OF ALL UTILITIES SHOWN IN THE AREA EITHER IN THE UNDERGROUND OR ABANDONMENT. THE SURVEYOR DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

UTILITY ELEVATIONS AND SIZES MAY HAVE BEEN MEASURED UNDER ADVERSE FIELD CONDITIONS. UPON EXPOSING THE UTILITY, ELEVATIONS AND LINE SIZES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHOULD VERIFY CRITICAL ELEVATIONS USING THE BENCHMARK PROVIDED BY THE SURVEYOR OR ENGINEER. ANY DISCREPANCIES SHOULD BE IMMEDIATELY BROUGHT TO THE ENGINEER'S AND SURVEYOR'S ATTENTION.

