GENERAL CONSTRUCTION NOTES

- All work performed and materials supplied shall conform to the Site Work Specifications. All work shall conform to the City of Edmond Standard Specifications for Construction or the "Standard Specifications for Highway Construction Oklahomo Department of Transportation, Latest Edition
- 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 make every effort to protect existing utility lines, and shall repair any damages at his own expense.
- Unless otherwise specified, the Contractor shall be responsible for his own Construction Staking.
- Upon completion of work, the Contractor shall be responsible for backfilling all islands, behind curbs and all other areas to be landscaped, with a minimum 4" depth of topsoil. The Contractor shall further be responsible for seeding and/or slab sodding areas disturbed by construction in accordance with the plans or as directed by the Owner or Engineer.
- The Contractor shall be responsible for all necessary fertilization and watering of areas to be seeded or sodded for the period of time necessary to establish proper root growth. The Contractor shall further be responsible for replacement of slab sod which dies prior to establishing root growth.
- In the event that seasonal changes will not allow for establishment of root growth the Contractor shall use Enkamat or equivalent to stablize embankments.
- The Contractor shall be responsible for providing and maintaining the silt fence barrier around the limits of construction and as shown on the Erosion Control Plan, during construction, until all work is complete and vegetation is reestablished.
- The Contractor shall be responsible for the maintainance and subject to frequent inspection of all methods and materials for erosion protection, and shall replace any item considered defective by the Engineer in a timely manner.
- Construction access to the site shall be from Public streets or Highways or as otherwise directed by the Engineer or the City.
- 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 Engineer for their review and approval. The soils laboratory shall determine the suitability of existing on site material prior to beginning any fill operations.
- The Contractor shall be responsible for erecting and maintaining barricades and other traffic control devices as necessary around the perimeter, adjacent to all public streets, and adjacent to any open trenches.
- During construction and until such time as vegetation is reestablished, the Contractor shall keep exposed dirt areas within the limits of construction and in stockpile areas, damped to prevent blowing due to wind.
- 13. The Contractor shall notify City Traffic Management 48 hours
- 14. A 'W' or a 'V' shall be marked on the face of curb at the location of all water meters and valves.
- 15. All pavement striping shall be painted white.
- 16. All water services shall be type "K" copper

SITE LEGAL DESCRIPTION

That portion of the Northwest Quarter (NW/4) of Section Thirty-five (35), Township Fourteen (14) North, Range Three (3) West of the Indian Meridian, Oklahoma County, Oklahoma, more particularly described as

Beginning at the Southeast_corner of Lot 39 of Edmond Business Park, an addition to the City of Edmond:

Thence South 00°09'14" East along the West right of way line of State Street a distance of 268.00 feet;

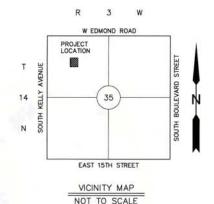
Thence South 89"54"06" West a distance of 325.00 feet; Thence North 00"09"14" West a distance of 150.00 feet to the Southwest

Thence North 69'56'27" East along the Southerly line of said Lots 40 and 39 a distance 345.66 feet to the Point of Beginning.

Lots Twenty (20), Twenty One (21), Twenty Two (22) and Twenty Three (23), Block Eight (8) and the South 10 feet of the vacated alley all in Ingleside Addition of Edmond in Oklahoma County, Oklahoma, according to

CONTAINING 82,929.55 Sq.Ft. or 1.90 ACRES, MORE OR LESS.





MAYOR

CHARLES LAMB

CITY COUNCIL

CITY MANAGER

LARRY STEVENS

DARRELL DAVIS, WARD 3

OWNER/DEVELOPER:

M. ROSE HOMES, LLC

EDMOND, OK. 73013

PHONE: 405-850-5561

425 NW 150th CT.

NICK MASSEY, WARD 4

VICTORIA CALDWELL, WARD 1

ELIZABETH WANER, WARD 2

CIVIL ENGINEER:

GREG MASSEY, PE

2933 S. BRYANT AVE.

PHONE: 405-341-4031

RED PLAINS PROFESSIONAL, INC.

EDMOND, OKLAHOMA, 73013

PROJECT NAME & LOCATION ABADAN CREEK MULTI-FAMILY 6TH & STATE EDMOND, OK

1/20

в' симпан приск «Мессь 80°54'06" Е 100.07'

W. 614777 Cup

12/1168.

TELEPHONE SERVICE:

RANDY ENTZ CITY OF EDMOND 100 E. 1ST STREET EDMOND, OKLAHOMA PHONE: 405-359-4790

PLANNING & ZONING DEPARTMENTS

BUILDING DEPARTMENT: CHARLIE BUTLER

CITY OF EDMOND 100 E. 1ST STREET EDMOND, OKLAHOMA PHONE: 405-359-4780

WATER & SANITARY SEWER-PUBLIC:

CITY OF EDMOND 100 E. 1ST STREET EDMOND, OKLAHOMA PHONE: 405-216-7775

WATER & SANITARY SEWER-SERVICES:

FRONT DESK EDMOND, OKLAHOMA PHONE: 405-359-4541

COX COMMUNICATIONS NEW SERVICES PHONE: 405-600-6805

ZONING INFORMATION:

SITE IS CURRENTLY ZONED ' DOWNTOWN RESIDENTIAL DISTRICT

ENGINEERING DESIGN SOUTHWESTERN BELL TELEPHONE 6100 SOUTH WALKER OKLAHOMA CITY, OKLAHOMA PHONE: 405-636-6725

GAS SERVICE:

OKLAHOMA NATURAL GAS AL DEAVERS, CUSTOMER SERVICE PHONE: 405-551-6528

FLECTRIC SERVICE:

CITY OF EDMOND ELECTRIC DEPT. ROBERT AUSTIN PHONE: 405-216-7614

CABLE SERVICE:

LIEGIENID



CC1.0 TITILE SHEET

X4 CROSS SECTION

X5 CROSS SECTION

CC3.0 SITE PLAN



CC4.0 CC4.0 - GRADING PLAN CC4.1 CC4.1 - DETENTION LAYOUT CC4.2 CC4.2 - DETENTION DETAILS CC4.3 CC4.3 - DRAINAGE MAP CC5.0 CC5.0 - UTILITY PLAN CC6.0 CC6.0 - EROSION CONTROL PLAN CC7.0 CC7.0 - POLLUTION PREVENTION PLAN CC8.0 CC8.0 - CONSTRUCTION DETAILS DRAINAGE CHANNEL IMPROVEMENTS DC1.0 TITILE SHEET DC2.0 DRAINAGE CHANNEL LAYOUT DC3.0 DRAINAGE CHANNEL STA. 10+00.00 TO STA. 18+88.04 DC3.1 DRAINAGE CHANNEL STA. 18+88.04 TO STA 25+12.07 DC4.0 DRAINAGE CHANNEL DETAILS DC4.1 DRAINAGE CHANNEL DETAILS DC4.2 DRAINAGE CHANNEL DETAILS DC5.0 EROSION CONTROL PLAN X1 CROSS SECTION X2 CROSS SECTION X3 CROSS SECTION

SHEET INDEX

MULTI-FAMILY DEVELOPMENT

CC2.0 EXISTING CONDITIONS & DEMOLITION PLAN



1170

3

6

14)

SCALE: 1" = 30'

N 89*54'06" E 425.00'

LOCATIONS OF UNDERGROUND UTILITIES WERE OBTAINED FROM THE UTILITY OWNERS. BEFORE DOING ANY WORK WITH HEAVY EQUIPMENT, THE CONTRACTOR SHALL NOTIFY THE UTILITY OWNERS OR "CALL OWNE (OKLAHOMA ONE-CALL)" NOT LESS THAN 48 HOURS IN ADVANCE AND SHALL ESTABLISH THE EXACT LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES.

P.O.B.

10

0



2933 S. Bryant Avenue Edmond, Oklahoma, 73013 Telephone: (405) 341-4031 FAX: (405) 341-4037



APPROVAL OF THESE PLANS BY THE CITY OF EDMOND DOES NOT PRECLUDE THE RESPONSIBILITY OF THE ENGINEER OF RECORD FOR THE ACCURACY AND CORRECTNESS OF THE PLANS. /// REVIEWED BY THE CITY OF EDMONE 4/12/1

BY:

PROJ. NO. 21025

6TH & STA EDMOND, CREEK DAN BA Ø

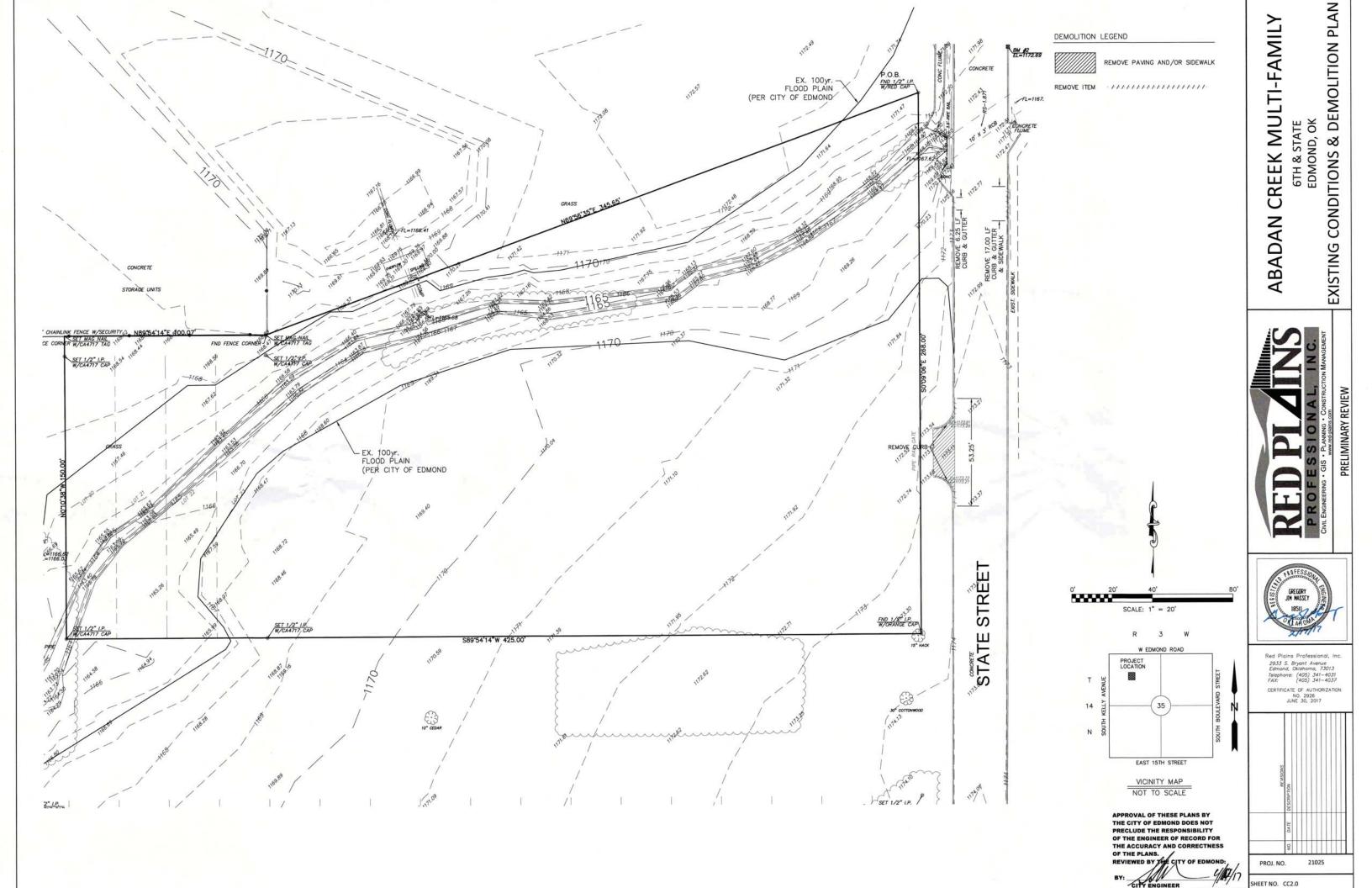
STATE ND, OK

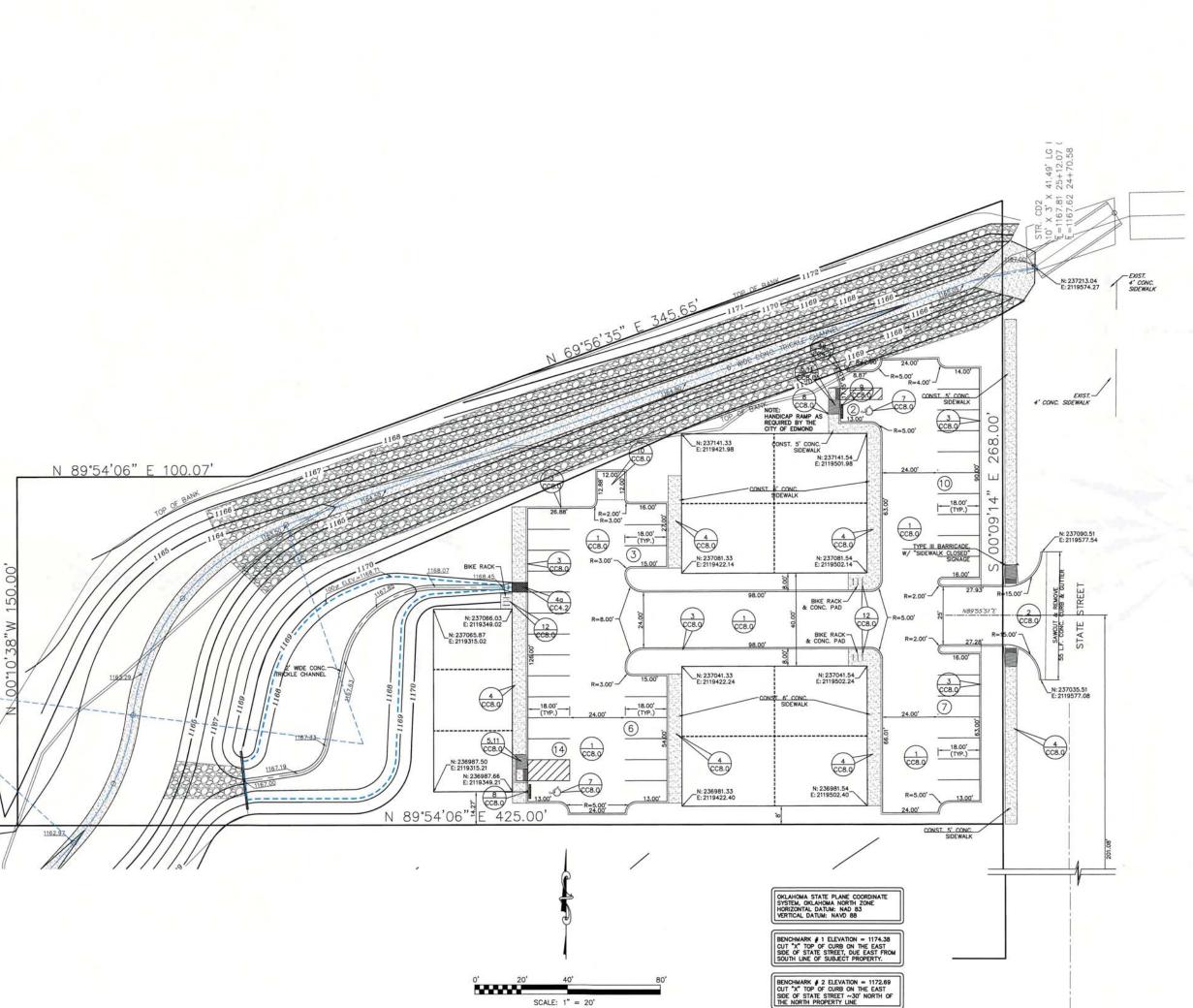
SHE

TITILE

MULTI-FAMILY

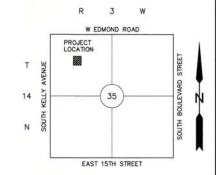
CERTIFICATE OF AUTHORIZATION NO. 2926 JUNE 30, 2017





Site Plan GENERAL CONSTRUCTION NOTES:

- All construction work performed and materials supplied shall conform to the Site Work Specifications and the City of Edmond "Standard Specifications For Construction". Any work not covered in the above shall conform to the "Standard Specifications for Highway Construction", Okiahoma Department of Transportation latest edition and supplementals.
- 2. The utilities as shown hereon are approximate in location as obtained from the City of Edmond records and atlas! The contractor shall be responsible for notifying all utility companies and governmental agencies who might have utility lines on or across the premises, or who might be affected by the construction. The contractor shall coordinate his activities with the utility companies to ensure compliance with the project schedule established by the General Contractor. The contractor shall make every effort to protect existing utility lines, and shall repair any damages at his own expense.
- Unless otherwise specified, the contractor shall be responsible for his own Construction Staking. The contractor shall further be responsible for the accuracy of all staking in accordance with the approved plans. In the event that discrepancy's are found, the contractor shall immediately notify the engineer or project manager prior to commencing with construction operations.
- Upon completion of work, the paving contractor shall be responsible for backfilling all islands and curbs, with the upper 4" depth to be topsoil.
- The general contractor shall be responsible for insurance of materials, installation and maintenance of the slit fence barrier around the limits of construction and as shown on the approved plan, during construction and until all work is complete and vegetation is reestablished.
- The landscaping contractor shall be responsible for seeding and/or slob sodding areas disturbed by construction it accordance with the plans or as directed by the owner or engineer.
- 7. The contractor shall further be responsible for all necessary fertilization and watering of areas to be seeded or sadded for the period of time necessary to establish proper root growth. The contractor shall further be responsible for replacement of slob sod which dies prior to establishing root growth.
- The contractor shall place triangular silt dike around any open storm drains or inlets located within the area of construction in added to the structures. The contractor shall siltation or successful the contractor shall siltation to the structures. The contractor shall siltation for erosion protection, and shall replace any item considered defective by the engineer in a timely manner. All signs, powerent markings, and other traffic control devices, shall conform the Oldohom Standard Manual on Iuniform Traffic Central Devices, latest edition. All powerent striping shall be four (4) inches wide unique shown other sides of the stripe shall be four (4) inches wide unique shown other size of the stripe shall be four (4) inches wide uniques shown other size of the stripe shall be four
- 10. All povement removal contiguous to povement remoining, sholl be sow—out in a straight line to the full depth of the existing povement. All debris from removal operations shall be removed from the site at the time of exacuation. Stockpilling of debris on—site will not be permitted.
- 11. Unless otherwise stated in the General Conditions, the contractor shall be responsible for all testing. All subgrade, concrete and asphaltic povernent testing shall conform to the "Standard Specifications for Highway Construction", Okiahoma Dept. of Transportation, latest edition and supplementals. All test results shall be forwarded to the engineer for his review and approval.
- 13. The contractor shall be responsible for the demolition and removal of all concrete, foundations, walks, walls, trees and other debris indicated on the survey or specified in the Site Work Specifications. All salvagable storm sewer grates, inlets or manhole ring and covers which are not being re-used on site shall be returned to the City of Edmond.
- All exterior lighting (building and parking lot) shall be directional lighting and directed away from any residential areas.
- 15. All mechanical equipment shall be screened from view. The dumpster shall be enclosed with a sight-proof fence of materials compatible to the architecture of the building, and shall be a minimum 6' in height.
- Construction access to the Site shall be from public streets or highways unless otherwise directed by the City Engineer.



VICINITY MAP NOT TO SCALE

APPROVAL OF THESE PLANS BY THE CITY OF EDMOND DOES NOT PRECLUDE THE RESPONSIBILITY OF THE ENGINEER OF RECORD FOR THE ACCURACY AND CORRECTNESS OF THE PLANS,

4/12/17

6TH & STATE EDMOND, OK SITE PLAN SITE

CREEK MULTI-FAMILY

AN

BAD/

Ø

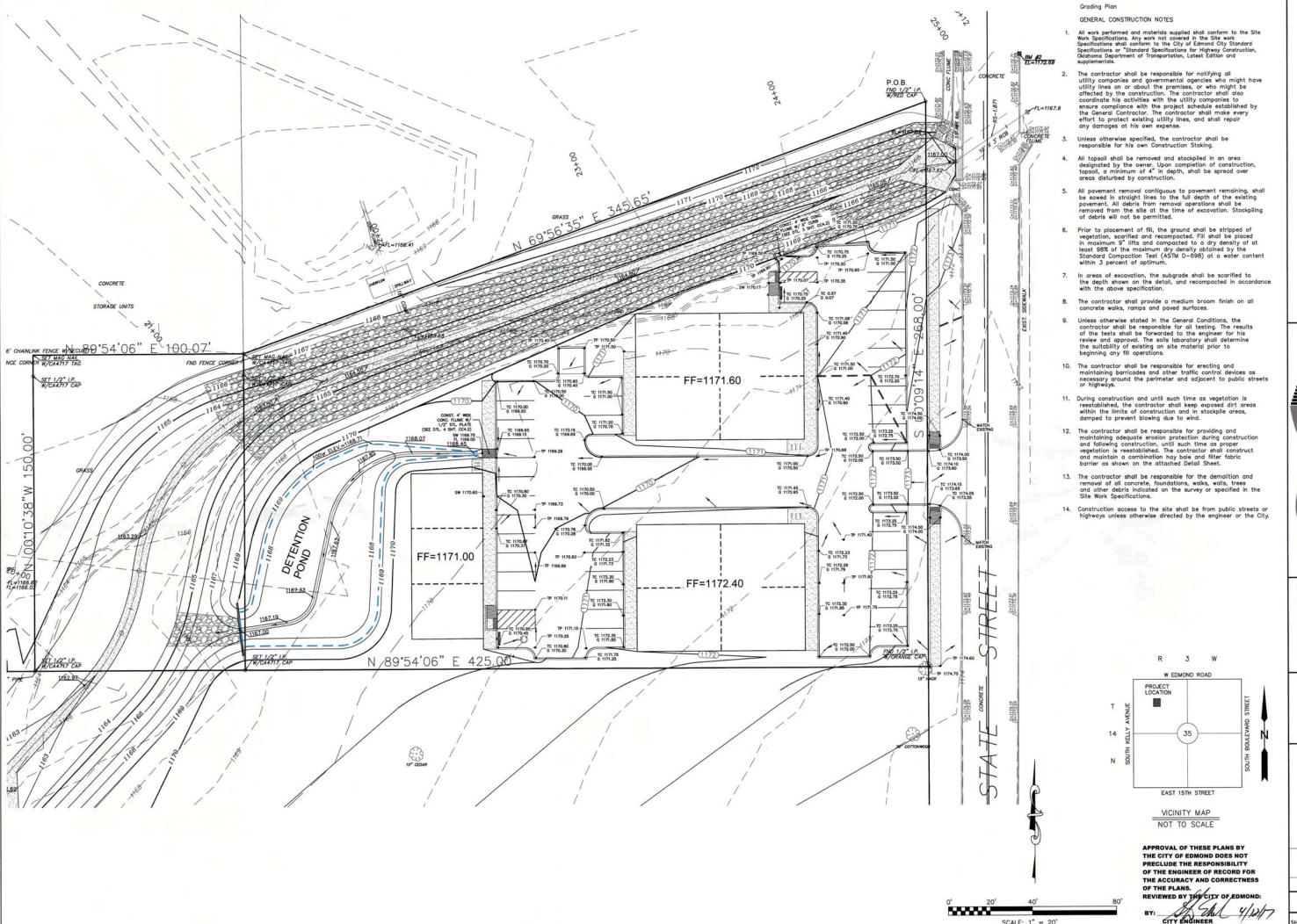
0 T

PRELIMINARY REVIEW



Red Plains Professional, Inc. 2933 S. Bryant Avenue Edmond, Oklohoma, 73013 Telephone: (405) 341-4031 FAX: (405) 341-4037 CERTIFICATE OF AUTHORIZATION NO. 2926 JUNE 30, 2017





GREGORY JIM MASSEY

AMIL

[TI-F.

 $\frac{1}{2}$

CREEK

ABADAN

PLAN

GRADING

ŏ STATE

6TH & STATEDMOND, (

2933 S. Bryant Avenue Edmond, Oklahoma, 73013 Telephone: (405) 341-4031 FAX: (405) 341-4037 CERTIFICATE OF AUTHORIZATION

HEET NO. CC4.0

6TH & STATE EDMOND, OK

DETENTION LAYOUT

1999 COE FLOOD PROPOSED FLOOD **DETENTION AREA**

> NOTE: NO FEMA FLOODPLAINS INDICATED ON MAPS.

LEGEND:

STUDY LIMITS-

PLAIN LIMITS-PROPOSED

R 3

NOT TO SCALE

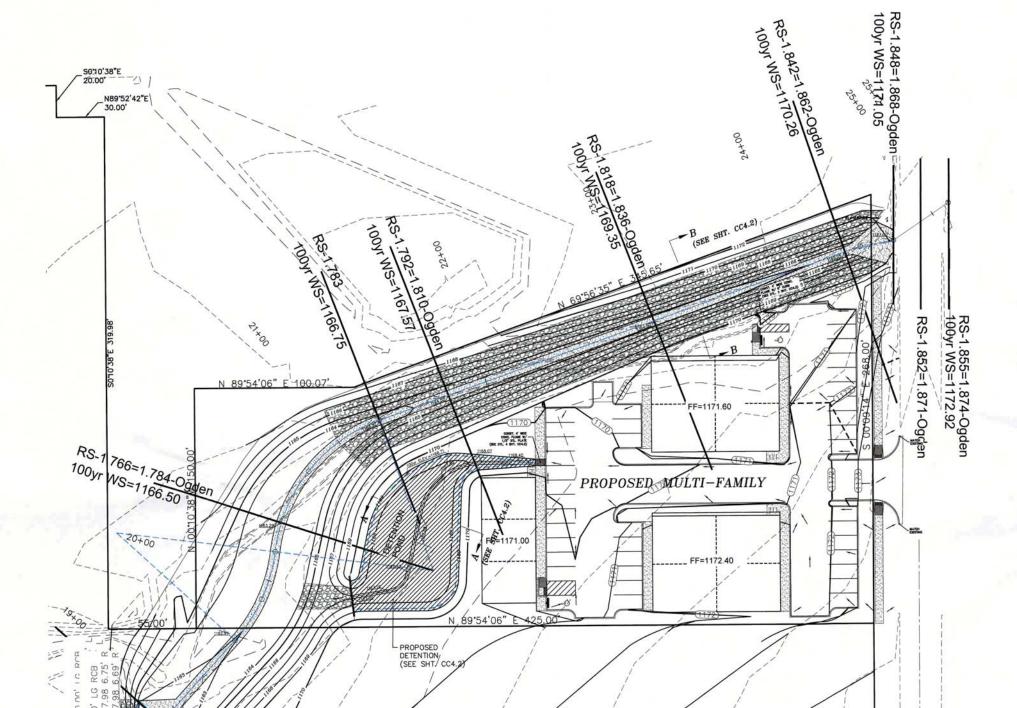
APPROVAL OF THESE PLANS BY THE CITY OF EDMOND DOES NOT PRECLUDE THE RESPONSIBILITY OF THE ENGINEER OF RECORD FOR THE ACCURACY AND CORRECTNESS OF THE PLANS. REVIEWED BY THE CITY O

21025

Red Plains Professional, Inc. 2933 S. Bryant Avenue Edmand, Oklahama, 73013 Telephone: (405) 341–4031 FAX: (405) 341–4037

CERTIFICATE OF AUTHORIZATION NO. 2926 JUNE 30, 2017

Proj.



OVERALL LEGAL DESCRIPTION:

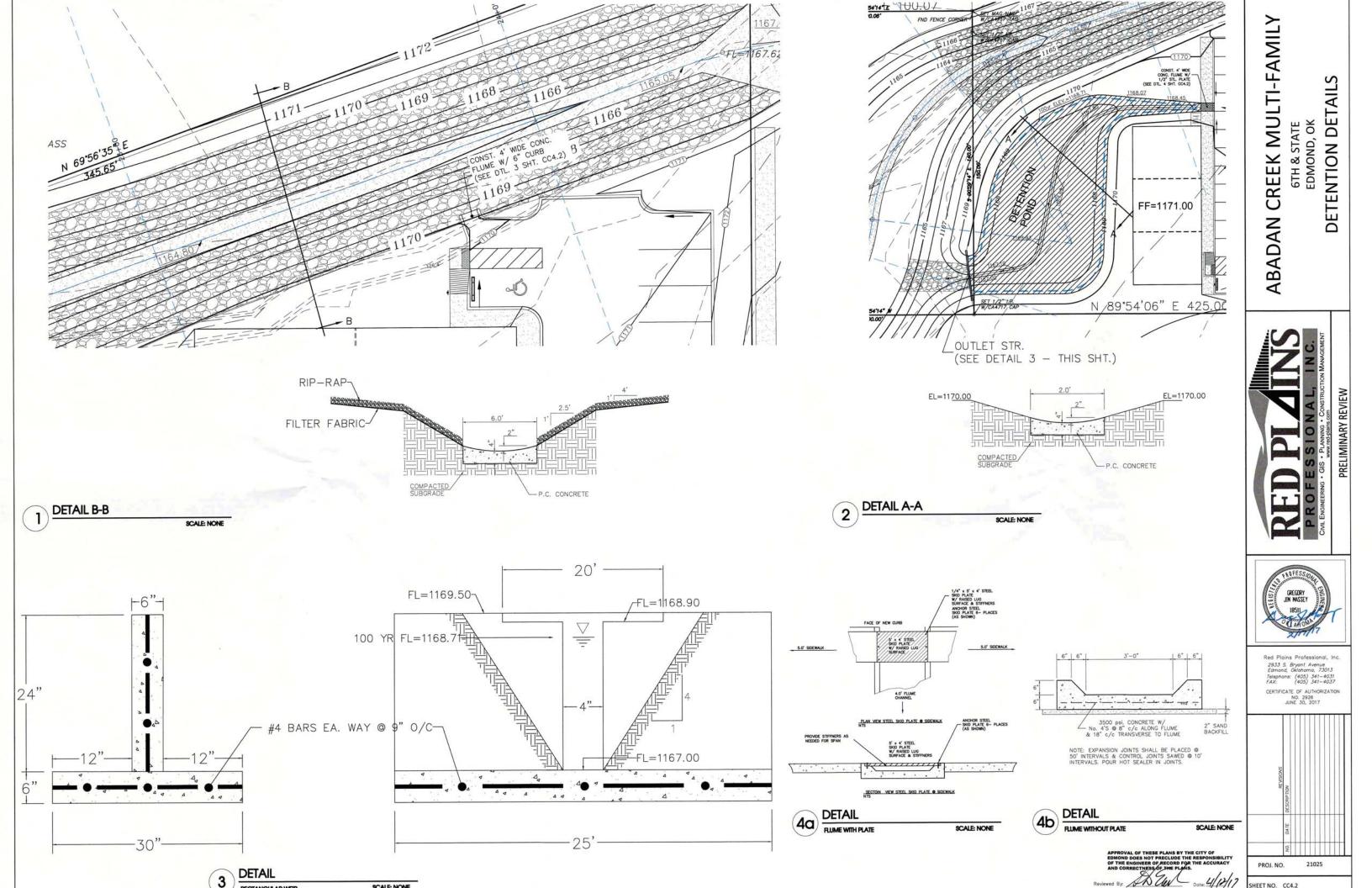
Port of the Northwest Quarter (NW/4) of the Northwest Quarter (NW/4) of Section Thirty-five (35), Township Fourteen (14) North, Range Three (3) West, of the Indian Meridian, Oklahama County, Oklahama.

Further described as a partial replat of Ingleside Addition of Edmand, Oklahama, Lots 1 through 36 and vacated alleyway of Black 9, Lots 1 through 18 of Black 11, and the vacated protions of Fifth, Sixth, Howard and the west half of Hamilton Streets which are adjacent to said lots, containing 8.712 acres or 379,496 square feet more or less.

OWNER: M. ROSE HOMES, LLC

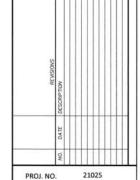
ADDRESS: P.O. BOX 5811 EDMOND, OK. 73083 PHONE: 405-850-5561

SCALE: 1" = 30'

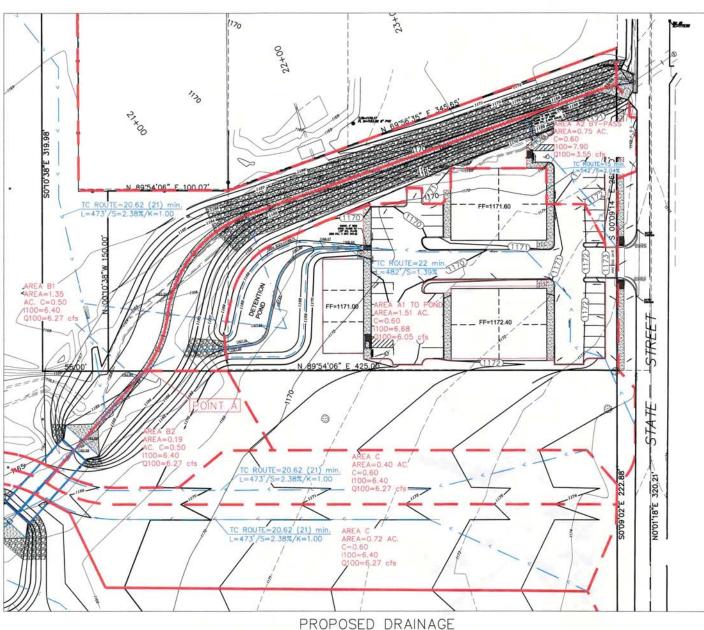




2933 S. Bryant Avenue Edmond, Oklahoma, 73013 Telephone: (405) 341–4031 FAX: (405) 341–4037 CERTIFICATE OF AUTHORIZATION NO. 2926 JUNE 30, 2017



APPROVAL OF THESE PLANS BY THE CITY OF EDMOND DOES NOT PRECLUDE THE RESPONSIBILITY OF THE ENGINEER OF RECORD FOR



EXISTING DRAINAGE

STREET

HISTORIC: Drainage Area = 2.56 ac. Runoff Coef. "C" = 0.40Time (Tc) = 21 min.Intensity (100yr) = 6.83Hist. Q(100yr) FLOW TO PT. A = 6.99 cfs

AREA=2.56 AC. C=0.40

> TC ROUTE=20.62 (21) min. L=473'/S=2.38%/K=1.00







Drainage Area to Pond = 1.51 ac. Runoff Coef. "C" = 0.60= 22 min.Time (Tc) Dev. Q(100yr) FLOW TO POND = 6.05 cfsDev. Q(100yr) POND DISCHARGE = 2.46 cfs Required (100yr) Storage = 4,634 cu.ft. @ 1168.71 Available Pond Storage = 5,988 cu.ft. @ 1169.00

Drainage Area By-Passed = 0.75 ac. Runoff Coef. "C" = 0.60Time (Tc) to Pt. A = 15 min.Dev. Q(100yr) BY-PASS TO PT. A = 3.55 cfs

COMBINED Q(100yr) FLOW TO Pt.A = 4.73 cfs



THE ACCURACY AND CORRECTNESS OF THE PLANS, REVIEWED BY THE CITY OF EDMOND:

15+00

16+00

1150_

9+00

10+00

GENERAL CONSTRUCTION NOTES

- 1. All work performed and materials supplied shall conform to the Site Work Specifications. Any work not covered in the Site Work Specifications shall conform to the City of Edmond Standard Specifications or "Standard Specifications for Highway Construction, Oklahoma Department of Transportation, Latest Edition and supplementals.
- 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 offected by the construction. The contractor shall also coordinate his activities with the utility companies to ensure compliance with the project schedule established by the General Contractor. The contractor shall make every effect, the project schedule established by the General Contractor. The contractor shall make every effect, the project schedule utility lines and the little scale. effort to protect existing utility lines, and shall repair any damages at his own expense.
 - Unless otherwise specified, the contractor shall be responsible for his own Construction Staking.
- The contractor shall be responsible for obtaining approved City plans, work orders and connection permits required by the City of Edmond. The responsibility for the fees is established in the General Conditions.
- All utility lines shall be backfilled and compacted in accordance with the Site Work Specifications or the City of Edmond Standard Specifications.
- All utilities shall terminate five (5) feet outside the building unless otherwise noted. The end of all service lines shall be tightly capped or plugged and marked until such time as connections are made inside the building.
- All materials shall be U.L. listed and Factory Mutual Approved unless otherwise directed by the owner's
- Use only ductile Iron water pipe (class 150) and fittings for pipe over 3 inches in diameter. Pipe 3 inches and smaller shall be Type K copper unless otherwise stated in the Specifications. Fittings shall be copper or cast bronze. Joints shall be solder or flare tube type.
 - The contractor shall be responsible for providing and maintaining adequate erosion protection during construction and following construction, until such time as proper vegetation is reestablished.
- The contractor shall be responsible for erecting and maintaining barricades and other traffic warning devices as necessary around the perimeter of construction and adjacent
- Those utilities which are public, shall be installed by a contractor licensed and bonded with the City of Edmond. All public utilities will require a separate work order from the City.
- 12. All valves, manhole lids and sewer clean-outs located in paved areas, shall be H-20 traffic rated.
- 13. The contractor shall be responsible for verifying elevations and adjusting all covers and lids in paved areas to finished grade. All field adjustments shall be noted and brought to the engineers attention for approval.
- Construction access to the site shall be from public streets or highways unless otherwise directed by the engineer or the City.
- 15. All utilities located beneath paved surfaces shall be backfilled with crushed rock and compacted to 98% S.P.D compaction shall be accomplished by tamping.
- 16. The contractor shall notify City Traffic Management 48 hours prior to any street closing.
- 17. All Utility Easements shall be provided by separate instrument.

SUMMARY OF QUANTITIES - SANITARY SEWER							
ITEM NO.	SPEC. NO.	ITEM	UNIT	QUANTITY			
1	615.05 (C)	8° PVC SANITARY SEWER	L.F.	512			
2	611.06 (A)	STD. 4' DIA. SANITARY MANHOLE	EA.	6			
3	615.02.4	6" SEWER WYE CONNECTION	EA.	3			
4	615.02.4	6" PVC RISER	V.F.	21			
5	615.02.4	6" SCH. 40 PVC LONG SERVICE	LF.	274			
6	615.05 (C)	6" SCH 40 PVC SLEEVE FOR LONG SERVICES	L.F.	274			
7	615.05 (F)	TRENCHING	L.F.	512			
8	615.03 (C)	CRUSHED ROCK BEDDING	C.Y.	35			
9	615.03 (H)	LEAKAGE AND PRESSURE TESTING	L.S.	1			
10	615.03 (H)	DEFLECTION TESTING	LS.	1			
11	SPECIAL	CONSTRUCTION STAKING	LS.	1			

EM NO.	SPEC. NO.	ITEM	UNIT	QUANTITY
1.	616.06 (A)	6" PVC (C-900) WATER LINE W/TRACER WIRE	LF.	200
2.	616.06 (B)	6" GATE VALVE & BOX	EA.	1
3.	616.06 (B)	6" X 6" TEE	EA.	1
4.	616.06 (B)	6" REVERSE TAPPING SLEEVE	EA.	1
5.	616.06 (B)	6" TAPPING VALVE & BOX	EA.	1
6.	616.06 (D)	FIRE HYDRANT	EA.	1
-	616.06 (8)	6" PLUG	EA.	1
7.	616.06 (D)	6" F.H. RISER	EA.	_1
8.	SPECIAL	RELOCATE EXIST. F.H. & APPURTENANCES	EA.	1
9.	616.06 (B)	SINGLE SERVICE LONG (SSL)	EA.	22
10,	616,06 (B)	CRUSHED ROCK BEDDING / BACKFILL	C.Y.	75
11.	SPECIAL	DISINFECTION & TESTING	LS.	1
12.	SPECIAL	PRESSURE & LEAKAGE TESTING	LS.	- 1
13.	SPECIAL	CONSTRUCTION STAKING	LS.	1

APPROVAL OF THESE PLANS BY THE CITY OF FOMOND DOES NOT PRECLUDE THE RESPONSIBILITY OF THE ENGINEER OF RECORD FOR THE ACCURACY AND CORRECTNESS OF THE PLANS.

BY: 4/12

UTILITY PLAN STATE ND, OK 6TH & STA EDMOND, (

AMIL

CREEK MULTI-F.

AN

ABAD/

RO

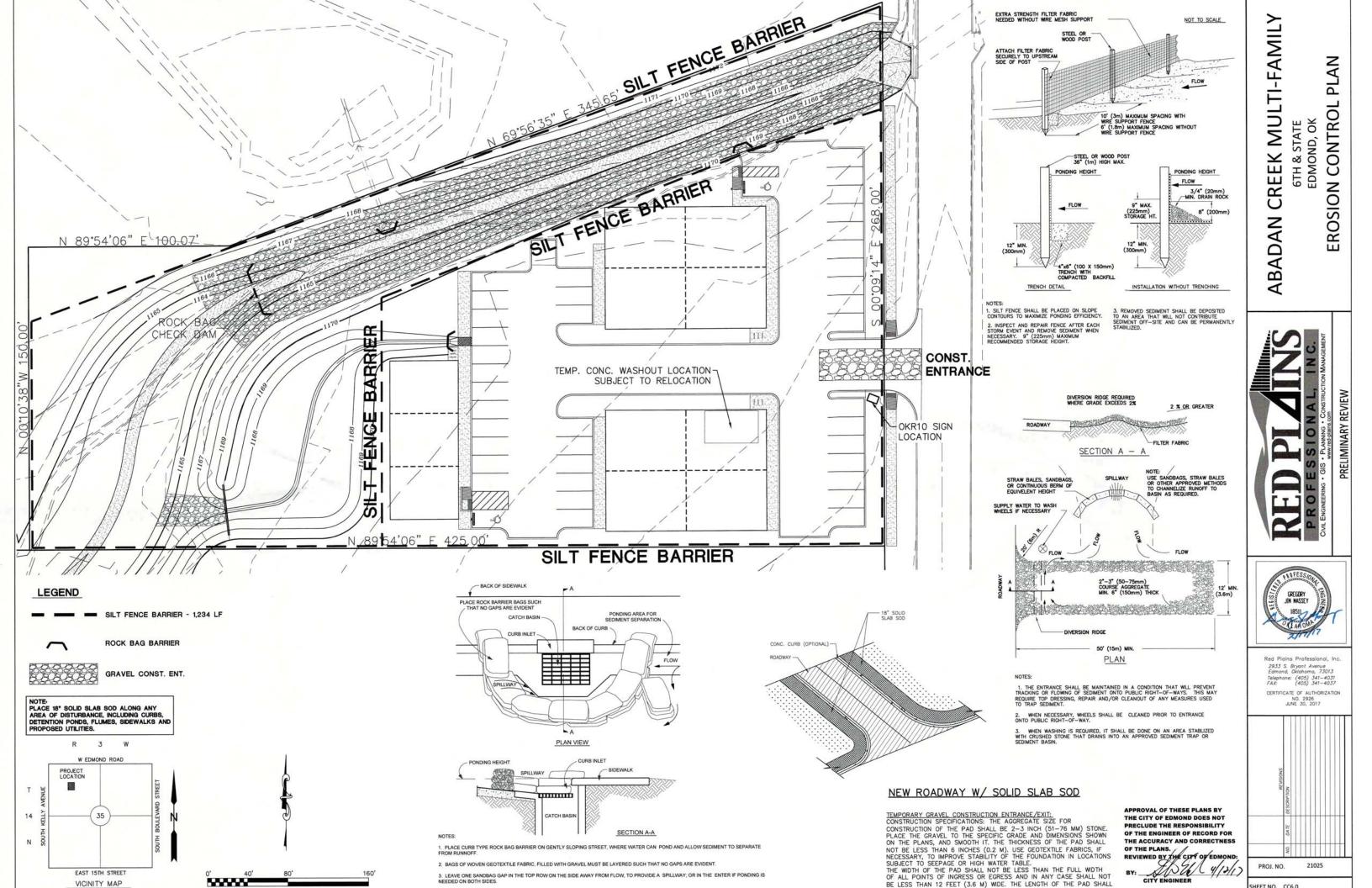


2933 S. Bryant Avenue Edmond, Oklahoma, 73013 Telephone: (405) 341-4031 FAX: (405) 341-4037 CERTIFICATE OF AUTHORIZATION

NO. 2926 JUNE 30, 2017

21025

PROJ. NO.



ABADAN CREEK OFFICE PARK CONSTRUCTION POLLUTION PREVENTION PLAN

PROJECT NAME & LOCATION(Address): ABADAN CREEK OFFICE PARK 6th & STATE EDMOND, OK.

Operator Name and Address: M. ROSE HOMES, LLC 425 NW 150th CT. EDMOND, OK. PHONE: 405-850-5561

Project Description: (Purpose and Types of Soil Disturbing Activities)
This project will consist of: construction of grading, drainage and asphalt paving, concrete sidewalks, and
underground utilities. The work included under the specifications shall consist of furnishing all items, materials, operations, or methods listed,
mentioned, indicated, or scheduled on the plans and/or the specifications.

Soil disturbing activities will include: clearing and grubbing; installing a stabilized construction entrance, perimeter, and other erosion and sediment controls; grading; excavation (or fill), rough and final grading around improvements, compaction of soil base, appropriate grading for drainage; installing drainage improvements; placing of roadway improvements; construction of buildings, underground utilities and solid sod.

Suggested Sequence of Major Activities:

- separate department or major reconsities:

 s general order of activities will be as follows: (May vary due to weather or other unforeseen conditions.)

 Clear and Grub the existing site
 Install Silt Fence & stablized constr. Entrance

- Removal & Storage of topsoil Earthwork, cut/fill and compaction
- Install underground utilities Construct Curb & Gutter
- Construct roadways/parking areas
- Final grading and install sod & landscape
- Remove erosion controls and temporary drives.
 Final clean-up and acceptance.

The Contractor is responsible for the following:

NOTICE OF INTENT (NOI):
The Contractor shall file Oklahoma Department of Environmental Quality, DEQ Form 605-002A, NOTICE OF INTENT for Storm Water Discharges Associated with construction activity, and pay any fees associated with said permit. In addition, The Contractor shall file the Notice of termination upon completion of and acceptance by the City of Edmond.

Waste Materials:

All waste materials will be collected and stored in a secured area, a metal dumpster if necessary, will be rented from a licensed solid waste disposal company in the local area. The materials shall be placed in dump site which meets all State and Local regulations. All trash and construction debris from the site will be transported to an approved disposal site or to the City dump. All construction waste shall be hauled off—site as soon as practical to keep site safe during and after working hours. No large piles of debris shall be allowed to climb to a height over five feet above the existing grade on site. No construction waste materials will be buried on—site. All personnel will be instructed regarding the correct procedure(s) for woste disposal. Notices and information regarding these procedures will be posted and/or provided to appropriate personnel by the Contractor or the person responsible for the day—to—day construction activities and operations at this site. The Contractor is responsible for the implementation of these procedures throughout his contract for construction.

All hazardous waste.

All hazardous waste materials will be disposed of in a manner specified by State or Local regulation or by the manufacturer. Site personnel will be instructed in any special procedures and/or practices by the Contractor's day-to-day manager of site operations.

Sanitary Waste:

All sanitary waste will be collected from the portable restroom units (if supplied) a minimum of once per week by a sanitary waste contractor to a location approved for disposal by State and Local regulations.

Offsite Vehicle Tracking:
A stabilized construction entry is required (more than one if needed) to reduce vehicle tracking of sediments. The paved street adjacent to the site entrance will be swept often or as necessary or directed to remove any excess mud, dirt or rock tracked from the site. Dump trucks hauling waste material from the construction site will be covered with a tarpaulin.

TIMING OF CONTROLS/MEASURES

The Sequence of Major Activities gives the general timing of the construction activities. Sediment and erosion controls identified in the plan will be installed immediately upon earthwork being initiated. Grading and stabilization of the site shall commence as soon as other improvements have been completed and approved by the City. Sodding of the areas indicated will take place as weather permits as soon as finish grading has been approved by the City. Temporary controls and measures will be removed when project has been final inspected and approved by the Building Department.

MAINTENANCE/INSPECTION PROCEDURES

MAINTENANCE/INSPECTION PROCEDURES

Erosion and Sediment Control inspection and Maintenance Practices
These are the inspection and maintenance practices contractor will use to maintain erosion and sediment controls.
All control measures will be inspected at least once each week and following any storm event of 0.5 inches or greater.
All measures will be maintained in good working order, if a repair is necessary, it will be initiated within 24 hours of report.
Built up sediment will be removed from silt fence when it has reached one—third the height of the fence.
Silt fence will be inspected for depth of sediment, tears, to see if the fabric is securely attached to the fence posts, and to see that the fence posts are firmly in the ground.
Temporary and permanent seeding and planting will be inspected for bare spots, washouts, and healthy growth.
A maintenance inspection report will be made after each inspection. A copy of the report form to be completed by the inspector is attached. Contractor's site superintendent will be responsible for filling out inspection and maintenance reports. Another individual will be selected as an alternate to be responsible for inspections, maintenance and repair activities, and filling out the inspection and maintenance report should the superintendent by unavailable.

Personnel selected for inspection and maintenance responsibilities will receive training from Contractor. They will be trained in all the inspection and maintenance practices necessary for keeping the erosion and sediment controls used onsite in good working order.

Non-Storm Water Discharges

Inspection and maintenance processes increasing the mapping will occur from the site during the construction period: It is expected that the following non-storm water discharges will occur from the site during the construction period: Pavement wash waters (where no spills or leaks of toxic or hazardous materials have occurred).



CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS This storm water pollution prevention plan reflects the guidelines set forth by in the EPA's general guidelines for Storm Water Management For Construction Activities, EPA 833-R-92-001, and the City of Edmond Codes and Ordinances.

INVENTORY FOR POLLUTION PREVENTION PLAN

The materials or substances listed below are expected to be present onsite during construction: Asphalt Detergents

Concrete Fertilizers
PVC pipe Paints (enamel)
Metal columns and roofs
Petroleum based products Cleaning solvents Wood and wood products Sand and limestone rock

Material Management Practices
The following are the material management practices that will be used to reduce the risk of spills or other accidental exposure of materials and substances to storm water runoff

soaa nousekeeping:
The following good housekeeping practices will be followed onsite during the construction project.
An effort will be made to store only enough product required to do the job
All materials stored onsite will be stored in a neat, orderly manner in their appropriate containers and, if possible, under a roof or

other enclosure.

Products will be kept in their original containers with the original manufacturer's label.

Substances will not be mixed with one another unless recommended by the manufacturer.

Manufacturers' recommendations for proper use and disposal will be followed.

The site superintendent will inspect daily to ensure proper use and disposal of materials onsite.

Hazardous Products:

Hazardous Products:
These practices are used to reduce the risks associated with hazardous materials.
Products will be kept in original containers unless they are not resealable
Original labels and material safety data will be retained; they contain important product information
If surplus product must be disposed of, manufacturers' or local and State recommended methods for proper disposal will be followed.
The following product specific practices will be followed onsite:

Petroleum Products:
All onsite vehicles will be monitored for leaks and receive regular preventive maintenance to reduce the chance of leakage. Petroleum products will be stored in tightly sealed containers which are clearly labeled. Any asphalt substances used onsite will be applied according to the manufacturer;s recommendations.

rertilizers:
Fertilizers used will be applied only in the minimum amounts recommended by the manufacturer. Once applied, fertilizer will be worked into the soil to limit exposure to storm water. Storage will be in a covered shed. The contents of any partially used bags of fertilizer will be transferred to a sealable plastic bin to avoid spills.

raints: All containers will be tightly sealed and stored when not required for use. Excess paint will not be discharged to the storm sewer system but will be properly disposed of according to manufacturers' instructions of state and local regulations.

concrete trucks:

The Contractor will establish a single wash—out basin for concrete trucks. Concrete trucks will only be allowed to wash out or discharge surplus concrete or drum wash water on the site at this location. When the project is completed, and as a part of the final clean—up, the Contractor will be responsible for removing all concrete spoils and waste in the basin to an off—site location. The basin area will be filled with dirt, compacted, graded, sodded and restored to original condition or better.

Spill Control Practices

Spill Control Practices
In addition to the good housekeeping and material management practices discussed in the previous sections of this plan, the following practices will be followed for spill prevention and cleanup:

Manufacturers' recommended methods for spill cleanup will be followed and site personnel will be made aware of the procedures and the location of the information and cleanup supplies.

Materials and equipment necessary for spill cleanup will be readily available. Equipment and materials may include, but not be limited to brooms, dust pans, mops, rags, gloves, gaggles, kitty litter, sand sawdust, and plastic and metal trash containers specifically for this purpose. All spills will be cleaned up immediately ofter discovery.

The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with a

The spill area will be kept well ventilated and personnel will wear appropriate protective cionants to prevent any norm contact and a hazardous substance.

Spills of toxic or hazardous material will be reported to the appropriate state or local government agency, regardless of the size.

The spill prevention plan will be adjusted to include measures to prevent this type of spill from reoccurring and how to clean up the spill if there is another one. A description of the spill, what caused it, and the cleanup measures will also be included.

The Contractor's site superintendent responsible for the day-to-day site operations, will be the spill prevention and cleanup coordinator. He will designate at least one other site person who will be in responsible charge upon the Site superintendant absence and will be aware of spill prevention and cleanup methods. The names of responsible spill personnel will be available to inspection personnel.

Reviewed By: Stagineering Dept. Date: 4/10//7

PROJ. NO.

21025

GREGORY JIM MASSEY

7

CREEK MULTI-FAMILY

BADAN

4

STATE

Ø

ЕТН

š

EDMOND,

PLAN

POLLUTION PREVENTION

PRELIMINARY

Red Plains Professional, Inc. 2933 S. Bryant Avenue Edmond, Oklohoma, 73013 Telephone: (405) 341-4031 FAX: (405) 341-4037 CERTIFICATE OF AUTHORIZATION NO. 2926 JUNE 30, 2017

